Tricks in R

Some clean up work using tidyverse

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)

wage.df = read.csv("/Users/shahrdadshadab/env/my-R-project/ISLR/Data/datasets/Wage.csv",
                     header=T, stringsAsFactors = F, na.strings = "?")
wage.df.original = tibble(wage.df)
wage.df = tibble(wage.df)


# convers maritl into an ordered factor
# find levels in maritl column
table(wage.df$maritl)[["1. Never Married"]]
```

```
## [1] 648
```

```
marit_levels <- names(table(wage.df$maritl))
typeof(marit_levels)
```

```
## [1] "character"
```

```
# now convert it to order factor

# iris %>% select(starts_with(c("Petal", "Sepal")))

# iris %>%
#   group_by(Species) %>%
#   summarise(across(starts_with("Sepal"), mean))

# iris %>% summarise_at("Petal.Width", funs(min, anyNA))
# starwars %>% mutate_if(is.numeric, scale2, na.rm = TRUE)

wage.df %>%
  mutate_at("maritl", ~factor(.x,levels=(.x %>% table() %>% dimnames())))
```

```
## # A tibble: 3,000 x 12
##     year   age sex   maritl race  education region jobclass health health_ins
##    <int> <int> <chr> <fct>  <chr> <chr>     <chr>  <chr>    <chr>  <chr>
##  1  2006    18 1. M~ <NA>   1. W~ 1. < HS ~ 2. Mi~ 1. Indu~ 1. <=~ 2. No
##  2  2004    24 1. M~ <NA>   1. W~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 2. No
##  3  2003    45 1. M~ <NA>   1. W~ 3. Some ~ 2. Mi~ 1. Indu~ 1. <=~ 1. Yes
##  4  2003    43 1. M~ <NA>   3. A~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
##  5  2005    50 1. M~ <NA>   1. W~ 2. HS Gr~ 2. Mi~ 2. Info~ 1. <=~ 1. Yes
##  6  2008    54 1. M~ <NA>   1. W~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
##  7  2009    44 1. M~ <NA>   4. O~ 3. Some ~ 2. Mi~ 1. Indu~ 2. >=~ 1. Yes
##  8  2008    30 1. M~ <NA>   3. A~ 3. Some ~ 2. Mi~ 2. Info~ 1. <=~ 1. Yes
```

```
##  9  2006    41 1. M~ <NA>   2. B~ 3. Some ~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
## 10  2004    52 1. M~ <NA>   1. W~ 2. HS Gr~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
## # ... with 2,990 more rows, and 2 more variables: logwage <dbl>, wage <dbl>
```

```
turn.to.factor <- function(col, na.rm = FALSE) factor(col,levels=(col %>% table() %>% dimnames()))

wage.df %>%
  mutate_if(is.character, turn.to.factor, na.rm = TRUE)
```

```
## # A tibble: 3,000 x 12
##     year   age sex   maritl race  education region jobclass health health_ins
##    <int> <int> <fct> <fct>  <fct> <fct>     <fct>  <fct>    <fct>  <fct>
##  1  2006    18 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  2  2004    24 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  3  2003    45 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  4  2003    43 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  5  2005    50 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  6  2008    54 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  7  2009    44 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  8  2008    30 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
##  9  2006    41 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
## 10  2004    52 1. M~ <NA>   <NA>  <NA>      2. Mi~ <NA>     <NA>   <NA>
## # ... with 2,990 more rows, and 2 more variables: logwage <dbl>, wage <dbl>
```

table and factor

```
# ------ table is used for counting records on one ore more factor columns -----
(x <- table(mtcars[c("vs", "cyl", "am")]))
```

```
## , , am = 0
##
##    cyl
## vs   4  6  8
##   0  0  0 12
##   1  3  4  0
##
## , , am = 1
##
##    cyl
## vs   4  6  8
##   0  1  3  2
##   1  7  0  0
```

```
# ---- for classification  use ordered factor to assign 1 to quality of interest --------#
x<-factor(c("a","b","b","a"))
y<- ordered(c("a","b","b","a"), levels = c("c","b","a"))
str(attributes(y))
```

```
## List of 2
##  $ levels: chr [1:3] "c" "b" "a"
##  $ class : chr [1:2] "ordered" "factor"
```

```
# -------------- modify levels of a factor -------

x <- ordered(c("a", "b", "a", "b"), levels = c("a", "b", "c"))
```

```r
table(x)
```

```
## x
## a b c
## 2 2 0
```

```r
levels(x) <- rev(levels(x))
table(x)
```

```
## x
## c b a
## 2 2 0
```

Modify in place

- Modifying an R object usually creates a new copy.
  - Use base::tracemem(x) to see if the object is copied

```r
#--------------------------------------------------------------------
# object with a single binding (object has a single name bound to it)
#--------------------------------------------------------------------

(v <- c(1,1,1))
```

```
## [1] 1 1 1
```

```r
# use base::tracemem(x) to see if the object is copied
cat(tracemem(v), "\n") # start tracing reference to v
```

```
## <0x7fb3e898e518>
```

```r
v[[3]] <- 4
```

```
## tracemem[0x7fb3e898e518 -> 0x7fb3e560a328]: eval eval withVisible withCallingHandlers handle timing_
```

```r
v
```

```
## [1] 1 1 4
```

```r
untracemem(v) # stop tracing reference to v
```

Atomic Vector Subsettings and Factor Subsettings

- Key Pints:
  - avoid using: *is.atomic()*, *is.numeric()* and *is.vector()*, use *is.null(dim())*
  - applying *typeof()* to a vector returns type of its elements
  - use *[ ]* to retrieve multiple values from a vector
    - using *[[ ]]* to get multiple values from a vector causes Error
  - recomanded to use *[[ ]]* to retrieve a single element from a vector
    - *[[ ]]* with zero length, NULL and out of bound index or name return error:
      - vector[[NULL]] ==> Error
      - vector[[integer(0)]] ==> Error
      - vector[[out_of_bound_integer]] ==> Error
      - vector[[out_of_bound_character]] ==> Error
    - *[ ]* with zero length, NULL and out of bound index or name return empty vector
  - only logical vector is recycled when used for subsetting

- *NA* has logical type thus when used for subsetting it will be recycled
- coercion used by *c()* is: *logical => integer => double => character*
- avoid automatic coercion inside *c()*, always do explicit coercion within *c()*
- To create an empty vector of certain "type" and certain "length"
  - vector("type", length = n) as: *vector("complex", length = 0)*
  - type(n) as: *numeric(3)*
  - type() is shorthand for type(0) as: *numeric()*

```
#-----------------------------------------------
# --- This is how R show an unnamed vector ---
#-----------------------------------------------

(x <- c(2.1, 4.2, 5.3, 1.4))
```

```
## [1] 2.1 4.2 5.3 1.4
```

```
names(x) <- c("one", "two", "three", "four")

#-----------------------------------------------
# --- This is how R show a named vector ---
#-----------------------------------------------

x
```

```
##   one   two three  four
##   2.1   4.2   5.3   1.4
```

```
typeof(x)
```

```
## [1] "double"
```

```
#-----------------------------------------------
# -------- subsetting by position (index) -----
#-----------------------------------------------
x[c(3,1)]
```

```
## three   one
##   5.3   2.1
```

```
# x[[c(3,1)]]  error: attempt to select more than one element vectorIndex

#-------------------------------------------------
# ---- duplicate index means duplicate values -----
#-------------------------------------------------
x[c(3,3,2,4,2,3,1,4)]
```

```
## three three   two  four   two three   one  four
##   5.3   5.3   4.2   1.4   4.2   5.3   2.1   1.4
```

```
# x[[c(3,3,2,4,2,3,1,4)]] error: attempt to select more than one element vectorIndex
#-------------------------------------------------------------------------------
# --- order() returns indices such that the corresponding elements are ordered--
#-------------------------------------------------------------------------------
x[order(x)]
```

```
##  four   one   two three
##   1.4   2.1   4.2   5.3
```

```r
# x[[order(x)]] error: attempt to select more than one element vectorIndex
#-----------------------------------------------------------------
# --- real numbers used as indices are truncated to integers ----
#-----------------------------------------------------------------
x[c(3.1, 3.2, 3.3, 4.2)]
```

```
## three three three  four
##   5.3   5.3   5.3   1.4
```

```r
# x[[c(3.1, 3.2, 3.3, 4.2)]] error: attempt to select more than one element vectorIndex
#-----------------------------------------------------------------
# use negative elements to exclude values at specified position
# ----------------------------------------------------------------
x[-2]
```

```
##   one three  four
##   2.1   5.3   1.4
```

```r
# x[[-2]] error: attempt to select more than one element vectorIndex

x[c(-3:-1)]
```

```
## four
##  1.4
```

```r
# x[[c(-3:-1)]] error: attempt to select more than one element vectorIndex
#-------------------------------------------------------------------------
# Logical vectors as index makes R chooses elements with TRUE as index
#-------------------------------------------------------------------------

x[c(T,F,F,T)]
```

```
##  one four
##  2.1  1.4
```

```r
# x[[c(T,F,F,T)]] error: attempt to select more than one element vectorIndex

x[x>3]
```

```
##   two three
##   4.2   5.3
```

```r
# x[[x>3]] error: attempt to select more than one element vectorIndex
#--------------------------------
# Only logical index is recycled
#--------------------------------
x[T]
```

```
##   one   two three  four
##   2.1   4.2   5.3   1.4
```

```r
x[[T]] # recomended
```

```
## [1] 2.1
```

```r
#--------------------------------
# NA in index causes NA in output
#--------------------------------
x[c(2,3,NA,4)]
```

```
##   two three  <NA>  four
##   4.2   5.3    NA   1.4
```

```
# x[[c(2,3,NA,4)]] error: attempt to select more than one element vectorIndex
# ------------------------------------------------
# Empty brackets [] will return original vector
# ------------------------------------------------
x[]
```

```
##   one   two three  four
##   2.1   4.2   5.3   1.4
```

```
# x[[]] error: subscript out of bound
# --------------------------------
# 0 will return zero length vector
# --------------------------------
x[0]
```

```
## named numeric(0)
```

```
# x[[0]] error: attempt to select more than one element vectorIndex


#------------ Create an empty vector of given length ------------------
# vector("type", length = <<length>>)
# <<type>>(<<length>>) like numeric(3)
# ------------------------------------------------------------------------

identical(numeric(0) , vector("double" , length = 0))
```

```
## [1] TRUE
```

```
identical(logical(2) , vector("logical", length = 2))
```

```
## [1] TRUE
```

```
identical(integer(0) , vector("integer", length = 0))
```

```
## [1] TRUE
```

```
identical(complex(0) , vector("complex", length = 0))
```

```
## [1] TRUE
```

```
identical(character(4) , vector("character", length = 4))
```

```
## [1] TRUE
```

```
# ------------------------------------------------------------------
# [[]] with zero length, NULL and out of bound index or name return error
# ------------------------------------------------------------------
x[NULL]
```

```
## named numeric(0)
```

```
# x[[NULL]]  error: attempt to select less than one element in get1index

x[logical()]
```

```
## named numeric(0)
```

```r
# x[[logical()]] error: attempt to select less than one element in get1index

x[1000]
```

```
## <NA>
##   NA
```

```r
# x[[1000]] error: subscript out of bound

x["out_of_bound"]
```

```
## <NA>
##   NA
```

```r
# x[["out of bound"]] error: subscript out of bound

#----------------- NA as index ---------------------
# NA has logical type and logical vector is recycled
#---------------------------------------------------
x[NA]
```

```
## <NA> <NA> <NA> <NA>
##   NA   NA   NA   NA
```

```r
# x[[NA]] error: subscript out of bound
# -------------------------------------------
# named vectors can also be subset with names
# -------------------------------------------
x[c("one","three","one","four")]
```

```
##   one three   one  four
##   2.1   5.3   2.1   1.4
```

```r
# x[[c("one","three","one","four")]] # error: attempt to select more than one element vectorIndex
# ------------------------------------------------------------------------
# factor subsetting is based on underlying integer vector not the levels
# drop=T in operator [] controls if levels are dropped
# ------------------------------------------------------------------------
y <- ordered(c("a","b","b","a", "c"), levels = c("c","b","a"))
y[c(1,2,3)]
```

```
## [1] a b b
## Levels: c < b < a
```

```r
# y[[c(1,2,3)]] # error: attempt to select more than one element vectorIndex


y[1]
```

```
## [1] a
## Levels: c < b < a
```

```r
y[[1]] # recomended
```

```
## [1] a
## Levels: c < b < a
```

```r
y[1, drop=T]
```

```
## [1] a
## Levels: a
```

```
y[[1, drop=T]] # recomended
```

```
## [1] a
## Levels: c < b < a
```

List Subsettings

- Key Pints:
  - *typeof()* applied on a list returns *list*
  - *[ ]* operator always returns a list whereas *[[ ]]* operator returns a single object
  - *$*col is a short form for *[["col"]]* returns a single object bound to "col"
  - *$*col is translated to *[["col"]]* by R
  - *[[ ]]* better be used with single positive integer or single string
  - Subsetting a non_empty list with *[[ ]]* returns:
    - list[[NULL]] ==> Error
    - list[[integer(0)]] ==> Error
    - list[[out_of_bound_integer]] ==> NULL
    - list[[out_of_bound_character]] ==> NULL
  - NULL is an empty list
  - Subsetting NULL always returns NULL
    - NULL[[NULL]] ==> NULL
    - NULL[[integer(0)]] ==> NULL
    - NULL[[out_of_bound integer]] ==> NULL
    - NULL[[out_of_bound character]] ==> NULL
    - NULL[NULL] ==> NULL
    - NULL[integer(0)] ==> NULL
    - NULL[out_of_bound_integer] ==> NULL
    - NULL[out_of_bound_character] ==> NULL
  - *[[c(1,2)]]* is equivalent to *[[1]][[2]]* (use *purrr::pluck(x, 1, 2)* instead)
  - *$* operator does partial matching but *[[ ]]* operator performs full matching
  - avoid silent partial matching by: options(warnPartialMatchDollar = T)
  - To create an empty list: *list()*
  - To create a list of length n full of NULL: *vector("list", length=n)*
  - *NULL == list() == list()[0] == list()[1]*
  - To convert a list to a vector use *unlist* (note *vector(list)* does not work!!)
  - Note that *unlist* strip off attributes of the object in the list
  - *list[NA]* returns *NA*

```
# ------------------------------------------------------------
# ----------- How R shows a named list ---------------------
# ------------------------------------------------------------
(x <- list(a = 1, b=list(2,3,NULL), c=c(4,5,6) ))
```

```
## $a
## [1] 1
##
## $b
## $b[[1]]
## [1] 2
##
## $b[[2]]
## [1] 3
```

```
##
## $b[[3]]
## NULL
##
##
## $c
## [1] 4 5 6
```

```
# ------------------------------------------------------------
# ----------- How R shows an unnamed list ------------------
# ------------------------------------------------------------
(x <- list(1, list(2,3,NULL), c(4,5,6) ))
```

```
## [[1]]
## [1] 1
##
## [[2]]
## [[2]][[1]]
## [1] 2
##
## [[2]][[2]]
## [1] 3
##
## [[2]][[3]]
## NULL
##
##
## [[3]]
## [1] 4 5 6
```

```
# ------------------------------------------------------------------------------
# ---- [] always returns a list, [[]] and $ returns elements in the list ----->
# ------------------------------------------------------------------------------
(x <- list(a=list(1,2,3,4,5,6,7,8), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
## $a[[3]]
## [1] 3
##
## $a[[4]]
## [1] 4
##
## $a[[5]]
## [1] 5
##
## $a[[6]]
## [1] 6
##
## $a[[7]]
## [1] 7
```

```
##
## $a[[8]]
## [1] 8
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# --------------------------------
# -------- by position ----------
# --------------------------------
x[3]
```

```
## $d
## [1] 13
```

```
x[[3]]
```

```
## [1] 13
```

```
x$d
```

```
## [1] 13
```

```
feature.name <- "d"
x$feature.name # this returns NULL because it translates to x[["feature.name"]]
```

```
## NULL
```

```
x[[feature.name]]
```

```
## [1] 13
```

```
x[c(1,2)]
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
## $a[[3]]
## [1] 3
##
## $a[[4]]
## [1] 4
##
## $a[[5]]
## [1] 5
##
## $a[[6]]
## [1] 6
##
## $a[[7]]
## [1] 7
```

```
##
## $a[[8]]
## [1] 8
##
##
## $b
## [1]  9 10 11
```

```
x[[c(1,8)]] # == x[[1]][[8]]
```

```
## [1] 8
```

```
purrr::pluck(x,1,8)
```

```
## [1] 8
```

```
x[[1]][[8]]
```

```
## [1] 8
```

```
x$a[[8]]
```

```
## [1] 8
```

```
# ------------------------------------------------------------
# $ does the partial matching but [["col"]] does full maching
# to get a warning when R does partial matching always set
#          options(warnPartialMatchDollar = T)
# ------------------------------------------------------------

options(warnPartialMatchDollar = T)
(x <- list(acd=list(1,2), adc=list(1,2), d = 13))
```

```
## $acd
## $acd[[1]]
## [1] 1
##
## $acd[[2]]
## [1] 2
##
##
## $adc
## $adc[[1]]
## [1] 1
##
## $adc[[2]]
## [1] 2
##
##
## $d
## [1] 13
```

```
x$ac
```

```
## Warning in x$ac: partial match of 'ac' to 'acd'
```

```
## [[1]]
## [1] 1
##
```

```
## [[2]]
## [1] 2
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ---------------------------------------
# duplicate index means duplicate values
# ---------------------------------------
x[c(2,1,1)]
```

```
## $b
## [1]  9 10 11
##
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
```

```
# ------------------------------------------------------------------------
# order() not implemented for list
# ------------------------------------------------------------------------


(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
```

```
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ------------------------------------------------------
# real numbers used as indices are truncated to integers
# ------------------------------------------------------

x[c(3.1, 1.2)]
```

```
## $d
## [1] 13
##
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ------------------------------------------------------------
# use negative elements to exclude values at specified position
# ------------------------------------------------------------
x[-2]
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $d
## [1] 13
```

```
x[c(-3:-1)]
```

```
## named list()
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ------------------------------------------------------------------
# Logical vectors as index makes R chooses elements with TRUE as index
# ------------------------------------------------------------------

x[c(T,F,F)]
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
```

```
# x[x>3] # # Error: 'list' object cannot be coerced to type 'double'


(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ---------------------------------
# # Only logical index is recycled
# ---------------------------------
x[T]
```

```
## $a
## $a[[1]]
```

```
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# --------------------------------
# NA in index causes NA in output
# --------------------------------
x[c(2,3,NA,4)]
```

```
## $b
## [1]  9 10 11
##
## $d
## [1] 13
##
## $<NA>
## NULL
##
## $<NA>
## NULL
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
```

```
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ------------------------------------------
# Empty brackets [] will return original list
# ------------------------------------------
x[]
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# --------------------------------
# 0 will return zero length list
# --------------------------------
x[0]
```

```
## named list()
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
```

```
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# ------------------------------------------------------------------------
#  Subestting with NULL OOB (int), OOB (char) and NA
# ------------------------------------------------------------------------

x[numeric()]
```

```
## named list()
```

```
#  x[[numeric()]] Error : attempt to select less than one element in get1index

x[NULL]
```

```
## named list()
```

```
#  x[[NULL]] Error : attempt to select less than one element in get1index

x[1000]
```

```
## $<NA>
## NULL
```

```
#x[[1000]] Error : subscript out of bounds

x["out_of_bound"]
```

```
## $<NA>
## NULL
```

```
x[["out_of_bound"]]
```

```
## NULL
```

```
#----------------- NA as index ---------------------
# NA has logical type and logical vector is recycled
#-------------------------------------------------
x[NA]
```

```
## $<NA>
## NULL
##
## $<NA>
## NULL
##
## $<NA>
## NULL
```

```
x[[NA]]
```

```
## NULL
```

```
# ------------------------------------------------------------------------
#  NULL is an empty list. Subsetting NULL with [[]] and [] always returns NULL
# ------------------------------------------------------------------------
NULL[[1]]
```

```
## NULL
```

```
NULL[[]]
```

```
## NULL
```

```
NULL[[numeric(0)]]
```

```
## NULL
```

```
NULL[[NULL]]
```

```
## NULL
```

```
NULL[["out_of_bound"]]
```

```
## NULL
```

```
NULL[[1000]]
```

```
## NULL
```

```
NULL[1]
```

```
## NULL
```

```
NULL[]
```

```
## NULL
```

```
NULL[numeric(0)]
```

```
## NULL
```

```
NULL[NULL]
```

```
## NULL
```

```
NULL["out_of_bound"]
```

```
## NULL
```

```
NULL[1000]
```

```
## NULL
```

```
(x <- list(a=list(1,2), b = c(9,10,11), d = 13))
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```
# -----------------------------------------
# named vectors can also be subset with names
```

```r
# ----------------------------------------
x[c("a","b","d")]
```

```
## $a
## $a[[1]]
## [1] 1
##
## $a[[2]]
## [1] 2
##
##
## $b
## [1]  9 10 11
##
## $d
## [1] 13
```

```r
# ------------------------------------
# We can construct a factor from a list
# ------------------------------------
(y <- ordered(list("a","b","b","a", "c"), levels = c("c","b","a")))
```

```
## [1] a b b a c
## Levels: c < b < a
```

```r
y[c(1,2,3)]
```

```
## [1] a b b
## Levels: c < b < a
```

```r
# ------------------------------------------------------------------
# purrr::pluck always returns NULL when OOB or empty index object
# ------------------------------------------------------------------
purrr::pluck(x, "a", 2)
```

```
## [1] 2
```

```r
purrr::pluck(x, 2, 3)
```

```
## [1] 11
```

```r
purrr::pluck(x, 3)
```

```
## [1] 13
```

```r
purrr::pluck(x, 3, 1)
```

```
## [1] 13
```

```r
purrr::pluck(x, "Out_of_Bound", 2)
```

```
## NULL
```

```r
purrr::pluck(x, "b", 1000)
```

```
## NULL
```

```r
(l <- list(x=list(1,2,3,4), y = list(5,6,7,8), z = list(9,10,11,12)))
```

```
## $x
## $x[[1]]
```

```
## [1] 1
##
## $x[[2]]
## [1] 2
##
## $x[[3]]
## [1] 3
##
## $x[[4]]
## [1] 4
##
##
## $y
## $y[[1]]
## [1] 5
##
## $y[[2]]
## [1] 6
##
## $y[[3]]
## [1] 7
##
## $y[[4]]
## [1] 8
##
##
## $z
## $z[[1]]
## [1] 9
##
## $z[[2]]
## [1] 10
##
## $z[[3]]
## [1] 11
##
## $z[[4]]
## [1] 12
```

```r
# ---------------------------------------
# get first element of each inner list
# ---------------------------------------

lapply(l, function(inner.list) inner.list[[1]])
```

```
## $x
## [1] 1
##
## $y
## [1] 5
##
## $z
## [1] 9
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)
map(l, 1)
```

```
## $x
## [1] 1
##
## $y
## [1] 5
##
## $z
## [1] 9
```

```
# ------------------------------------------------------------------------
# ------ note unlist strips off attributes of the object inside the list ----
# ------------------------------------------------------------------------
(l <- list(as.Date("1980-01-02")))
```

```
## [[1]]
## [1] "1980-01-02"
```

```
unlist(l)
```

```
## [1] 3653
```

```
(l1 <- rerun(2, sample(4)))
```

```
## [[1]]
## [1] 2 1 4 3
##
## [[2]]
## [1] 4 1 2 3
```

```
typeof(l1)
```

```
## [1] "list"
```

```
flatten_int(l1)
```

```
## [1] 2 1 4 3 4 1 2 3
```

Matrix Subsettings

- Key Pints:
  - *matrix* is just an atomic vector with three attributes:
    - dimensions
    - row names
    - column names
  - Subset a *matrix* by supplying a vector of indices for each dimension:
    - All rules for subsetting a vector is applied to subsetting each dimension
  - vector of values is used to fill a *matrix* up column by column or row by row
  - Dimension Dropping:
    - *[ ]* simplifies result to loweset possible dimensionality unless we set *drop=F*
    - *matrix[row #i,]* retuns row #i as a vector
    - *matrix[,col# j]* retuns col #j as a vector
    - To preserve dimensionality set *drop=F* as last argument of operator *[[ ]]*
  - Subsetting a *matrix* with a single vector

        * *matrix* is a vector so like vectors we can use vector of indices to subset it
        * Index of the elements in the *matrix* always goes column by column
    - Subsetting *matrix* with logical *matrix* which has same dimension as the original one
        * R selects those elements that correspond to TRUE in logical matrix

```
(a <- matrix(1:9, nrow = 3, byrow = F))
```

```
##      [,1] [,2] [,3]
## [1,]    1    4    7
## [2,]    2    5    8
## [3,]    3    6    9
```

```
colnames(a) <- c("A", "B", "C")

str(a)
```

```
##  int [1:3, 1:3] 1 2 3 4 5 6 7 8 9
##  - attr(*, "dimnames")=List of 2
##   ..$ : NULL
##   ..$ : chr [1:3] "A" "B" "C"
```

```
# ------------------------------------------------------------------
# subsetting by supplying a vector of indices for each dimension
# ------------------------------------------------------------------

a[0, -2]  # remember 0 as index returns an empty vector or list
```

```
##      A C
```

```
a[1:2,]
```

```
##      A B C
## [1,] 1 4 7
## [2,] 2 5 8
```

```
a[c(T,T,F), c("A", "C")]
```

```
##      A C
## [1,] 1 7
## [2,] 2 8
```

```
# ----------------------- Dimension Dropping -----------------------

a[2, ]
```

```
## A B C
## 2 5 8
```

```
a[2, , drop=F]
```

```
##      A B C
## [1,] 2 5 8
```

```
a[, 3]
```

```
## [1] 7 8 9
```

```
a[, 3, drop=F]
```

```
##      C
## [1,] 7
```

```
## [2,] 8
## [3,] 9
```

```
a[1,1]
```

```
## A
## 1
```

```
a[1,1, drop=F]
```

```
##      A
## [1,] 1
```

```
# ---------------- Subsetting a matrix with a single vector -------------------

(a <- matrix(1:4, nrow = 2, byrow = T))
```

```
##      [,1] [,2]
## [1,]    1    2
## [2,]    3    4
```

```
colnames(a) <- c("A", "B")


a[1] # => 1
```

```
## [1] 1
```

```
a[2] # => 3
```

```
## [1] 3
```

```
a[3] # => 2
```

```
## [1] 2
```

```
a[4] # => 4
```

```
## [1] 4
```

```
a[c(2,4)]
```

```
## [1] 3 4
```

```
(a <- matrix(1:4, nrow = 2, byrow = F))
```

```
##      [,1] [,2]
## [1,]    1    3
## [2,]    2    4
```

```
colnames(a) <- c("A", "B")

a[1] # => 1
```

```
## [1] 1
```

```
a[2] # => 2
```

```
## [1] 2
```

```
a[3] # => 3
```

```
## [1] 3
```

```r
a[4] # => 4
```

```
## [1] 4
```

```r
a[c(2,4)]
```

```
## [1] 2 4
```

```r
# ------------ Subsetting with logical matrix ----------------------------
(a <- outer(1:5, 1:5, FUN="*"))
```

```
##      [,1] [,2] [,3] [,4] [,5]
## [1,]    1    2    3    4    5
## [2,]    2    4    6    8   10
## [3,]    3    6    9   12   15
## [4,]    4    8   12   16   20
## [5,]    5   10   15   20   25
```

```r
selection.matrix <- upper.tri(a)

a[selection.matrix]
```

```
##  [1]  2  3  6  4  8 12  5 10 15 20
```

```r
# Another example of logical matrix
a <- outer(1:5, 1:5, FUN="*")
diagonal.selection <- matrix(rep(F, 25), c(5,5))
(for (i in 1:5)
  for (j in 1:5)
    diagonal.selection[i,j] <- (i==j)
)
```

```
## NULL
```

```r
diagonal.selection
```

```
##       [,1]  [,2]  [,3]  [,4]  [,5]
## [1,]  TRUE FALSE FALSE FALSE FALSE
## [2,] FALSE  TRUE FALSE FALSE FALSE
## [3,] FALSE FALSE  TRUE FALSE FALSE
## [4,] FALSE FALSE FALSE  TRUE FALSE
## [5,] FALSE FALSE FALSE FALSE  TRUE
```

```r
a[diagonal.selection]
```

```
## [1]  1  4  9 16 25
```

```r
# Note:
# a$A Error in a$A : $ operator is invalid for atomic vectors
```

Dataframe Subsettings as List of Lists and as Matrix

- Key Pints:
  - Dataframe treated as a list of lists:
    - When subsetting with a single index or vector of indices it behaves like a list of columns (i.e list of lists)
    - All rules for list subsetting using *[ ]* and *[[ ]]* are applied
    - Single index *[ ]* returns a dataframe (i.e a list, remember list subsetting rules)

    - Single index *[ ]]* returns vector (i.e an object , remember list subsetting rules)
  - Dataframe treated as a *matrix*
    - Two sets of indices are used to subset a dataframe which returns a dataframe
    - Filter condition is always filter rows ,it is only on first index
    - dataframe with single column returns only that column unless we use drop=F (remember dimension dropping)

```
df <- data.frame(x = 1:3, y=3:1, z = letters[1:3])

# ----------------- Dataframe: a list of lists perspective ----------------------

df[2]  # => dataframe containing second column
```

```
##   y
## 1 3
## 2 2
## 3 1
```

```
df[[1]]  # =>  second column as a vector
```

```
## [1] 1 2 3
```

```
df [c(1,3)] # dataframe containg first and third column
```

```
##   x z
## 1 1 a
## 2 2 b
## 3 3 c
```

```
df [[c(1,3)]] # third element in first column (see the list subsetting)
```

```
## [1] 3
```

```
df[c("x", "z")] # dataframe containg first and third column
```

```
##   x z
## 1 1 a
## 2 2 b
## 3 3 c
```

```
df [c(2,2,1)] # dataframe contatining two times column #2 (named as Y and Y.1) and column #1
```

```
##   y y.1 x
## 1 3   3 1
## 2 2   2 2
## 3 1   1 3
```

```
# ----------------- Dataframe: a matrix perspective ----------------------

df[df$x == 2, ] # => dataframe containing a row(s) with value 2 in its x column
```

```
##   x y z
## 2 2 2 b
```

```
df[c(1,3), ] # dataframe containing row# 1 and row # 3
```

```
##   x y z
## 1 1 3 a
## 3 3 1 c
```

```r
df[c(2,2,1), ] # dataframe containing two times row #2 () and row # 1
```

```
##     x y z
## 2   2 2 b
## 2.1 2 2 b
## 1   1 3 a
```

```r
df [, c(2,2,1)] # dataframe contatining two times column #2 (named as Y and Y.1) and column #1
```

```
##   y y.1 x
## 1 3   3 1
## 2 2   2 2
## 3 1   1 3
```

```r
df[, 1] # remember from matrices that matrix[ ,col# j] retuns col #j as a vector
```

```
## [1] 1 2 3
```

```r
df[, 1, drop=F] # dataframe with single column #1
```

```
##   x
## 1 1
## 2 2
## 3 3
```

```r
df[, "y"]
```

```
## [1] 3 2 1
```

```r
df[, "y", drop=F] # dataframe with single column "y"
```

```
##   y
## 1 3
## 2 2
## 3 1
```

```r
# Here is an example how to build a model dynamically in a function
library(grid)
library(gridExtra)
```

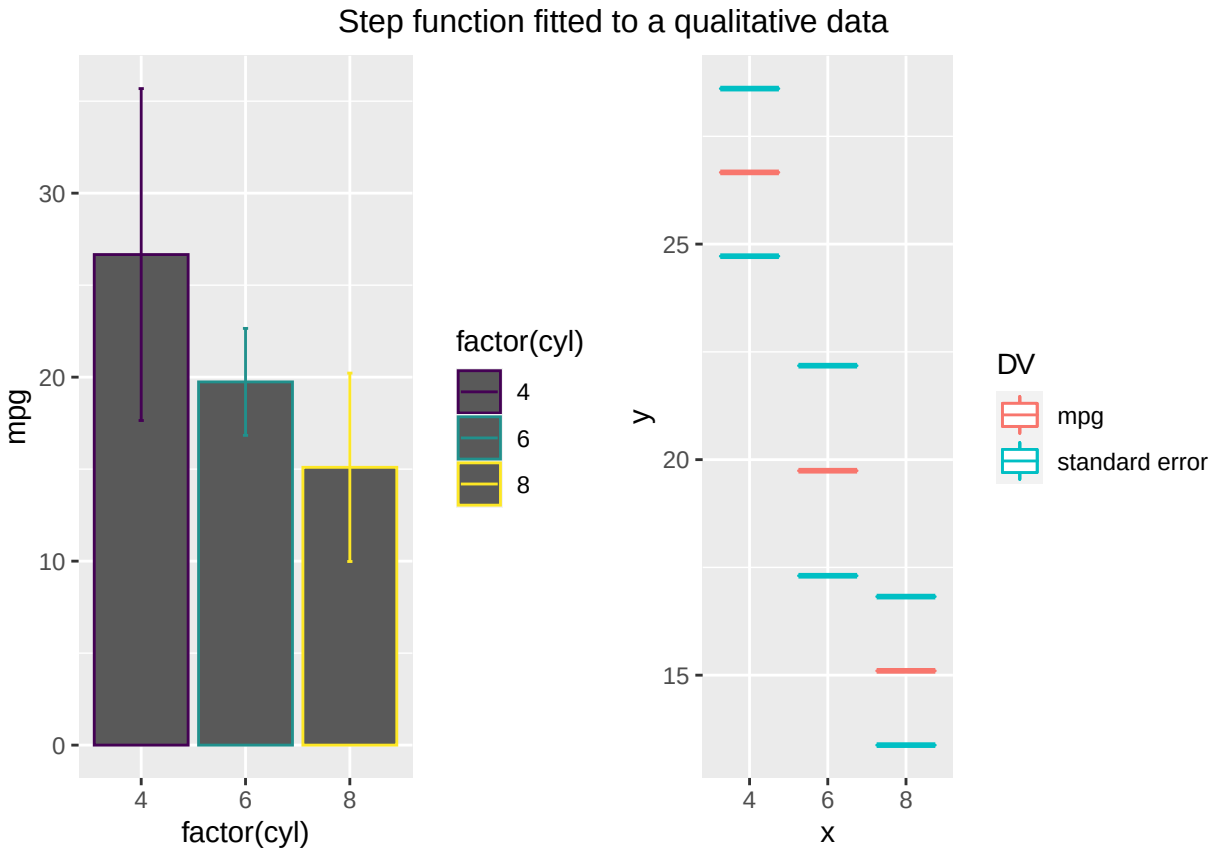
```
##
## Attaching package: 'gridExtra'
```

```
## The following object is masked from 'package:dplyr':
##
##     combine
```

```r
fit.step.model <- function(df, DV, IVs, seed=1113){
  frm <- as.formula(glue::glue(DV,"~", str_c(IVs, collapse = "+")))
  model.fit <- glm(frm, data = df)
  new.sample <- sample( levels(df [[IVs]]), 1000, replace=T)
  new.df = tibble(factor(new.sample))
  names(new.df) <- IVs
  preds <- predict(model.fit, newdata=new.df, se=T)


  se.bands <- cbind(preds$fit + 2 * preds$se.fit , preds$fit - 2 * preds$se.fit )

  data.to.draw <- tibble(x = factor(new.sample), y = preds$fit,
```

```
                        y.se.1 = preds$fit + 2 * preds$se.fit,
                        y.se.2 = preds$fit - 2 * preds$se.fit)

  # draw box plots for quality columns
  g1 <- ggplot(df, aes(factor(.data[[IVs]]), .data[[DV]], color = factor(.data[[IVs]]))) +
    geom_bar(aes(factor(.data[[IVs]]), .data[[DV]]),  stat = "summary", fun.y = mean) +
    stat_summary(fun.data = mean_sdl, width=0.05, geom = "errorbar",fun.y = mean)


  #the sample we predict on
  g2 <- ggplot(data.to.draw, aes(x=x)) +
    geom_boxplot(aes(y = y, colour = DV)) +
    geom_boxplot(aes(y = y.se.1, colour = "standard error")) +
    geom_boxplot(aes(y = y.se.2, colour = "standard error"))

  grid.arrange(g1, g2, nrow = 1,
               top = textGrob("Step function fitted to a qualitative data"))
}


mtcars$cyl <- ordered(mtcars$cyl, levels = c(4,6,8))
fit.step.model(mtcars, "mpg", c("cyl"))
```

```
## Warning: Ignoring unknown parameters: fun.y

## Warning: `fun.y` is deprecated. Use `fun` instead.

## No summary function supplied, defaulting to `mean_se()`
```




```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)

# ---------- Cool tidyverse stuff --------------#
(df <- tibble(x = c("  "," 1  3", "12", "14  ",NA,"  "," 1  3", "12", "14  ", NA),
              y = c(1,2,NA,4,5,1,2,NA,4,5)))
```

```
## # A tibble: 10 x 2
##    x           y
##    <chr>   <dbl>
##  1 "  "        1
##  2 " 1  3"     2
##  3 "12"       NA
##  4 "14  "      4
##  5  <NA>       5
##  6 "  "        1
##  7 " 1  3"     2
##  8 "12"       NA
##  9 "14  "      4
## 10  <NA>       5
```

```
# First remove NA and empty spaces only from character columns
df %>%
  filter_if(is.character, all_vars(!is.na(.) & trimws(.) != ""))
```

```
## # A tibble: 6 x 2
##   x           y
##   <chr>   <dbl>
```

```
## 1 " 1  3"     2
## 2 "12"       NA
## 3 "14  "      4
## 4 " 1  3"     2
## 5 "12"       NA
## 6 "14  "      4
```

```
# Next remove leading and trailing spaces from all elements in character columns
trim.f <- function(col, na.rm = F) {
  isNA <- !reduce(col, ~ (is.na(.x) & is.na(.y)))
  if (na.rm && isNA)
    unlist(map(col, ~ (if (is.na(.x)) "" else .x) ),use.names = F) %>%
      trimws(which = c("both")) # leading and trailing spaces
  else trimws(col, which = c("both")) # leading and trailing spaces
}

(df %>%
  mutate_if(is.character, trim.f, na.rm = T))
```

```
## # A tibble: 10 x 2
##    x          y
##    <chr>  <dbl>
##  1 ""         1
##  2 "1  3"     2
##  3 "12"      NA
##  4 "14"       4
##  5 ""         5
##  6 ""         1
##  7 "1  3"     2
##  8 "12"      NA
##  9 "14"       4
## 10 ""         5
```

```
# pull(col) has the same effect as $col on dataframe
identical(df %>% pull(x), df$x)
```

```
## [1] TRUE
```

```
# Finally convert character columns to factor

df %>%
  filter_if(is.character, all_vars(!is.na(.) & trimws(.) != "")) %>%
  mutate_if(is.character, trim.f, na.rm = T) %>%
  mutate_if(is.character, ~ ordered(.x, levels = unlist(.x %>% table %>% dimnames)))
```

```
## # A tibble: 6 x 2
##   x         y
##   <ord> <dbl>
## 1 1  3      2
## 2 12       NA
## 3 14        4
## 4 1  3      2
## 5 12       NA
## 6 14        4
```

```
# distinct values of certain columns
df %>% distinct(x,y)
```

```
## # A tibble: 5 x 2
##   x           y
##   <chr>   <dbl>
## 1 "  "        1
## 2 " 1  3"     2
## 3 "12"       NA
## 4 "14  "      4
## 5  <NA>       5
```

```
# select only character columns
# df %>%
#   select_if(~is.character(.))
#   filter (!is.na(x) & trimws(x) != "")

# msleep %>%
#   select(name:order, sleep_total:sleep_rem) %>%
#   filter_if(is.character, all_vars(is.na(.)))

# -------------------------
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)
gapminder_orig <-
  read.csv(
    "https://raw.githubusercontent.com/swcarpentry/r-novice-gapminder/gh-pages/_episodes_rmd/data/gapmi

gapminder <-gapminder_orig
# get dataframe schema
gapminder %>%
  map_chr(class)
```

```
##   country      year       pop continent   lifeExp gdpPercap
##  "factor" "integer" "numeric"  "factor" "numeric" "numeric"
```

```
# get number of distince elements in each column
gapminder %>%
  map_dbl(n_distinct)
```

```
##   country      year       pop continent   lifeExp gdpPercap
##       142        12      1704         5      1626      1704
```

```
# get number of NA in each column
gapminder %>%
  map_dbl(~ sum(is.na(.)))
```

```
##   country      year       pop continent   lifeExp gdpPercap
##         0         0         0         0         0         0
```

```
# get a summary of each column as a dataframe
gapminder %>%
  map_df(~ tibble(type=class(.),
                  no.of.elements = n_distinct(.),
                  nas = sum(is.na(.))),
         .id="variable")
```

```
## # A tibble: 6 x 4
##   variable  type    no.of.elements   nas
##   <chr>     <chr>            <int> <int>
```

```
## 1 country   factor             142     0
## 2 year      integer             12     0
## 3 pop       numeric           1704     0
## 4 continent factor               5     0
## 5 lifeExp   numeric           1626     0
## 6 gdpPercap numeric           1704     0
```

```
gapminder %>% sample_n(5) %>% pluck(1) # get the first column of dataframe
```

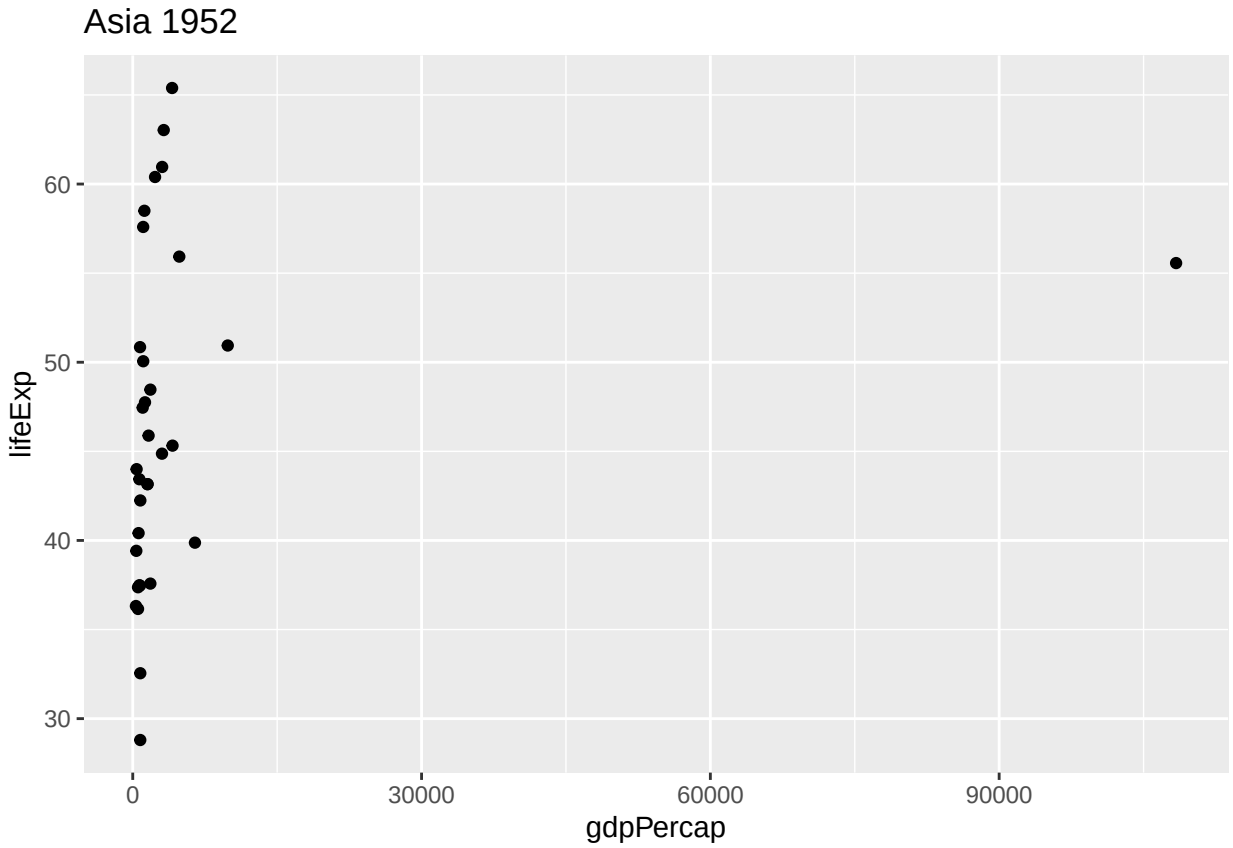
```
## [1] Lesotho  Guinea   Pakistan Tanzania Ireland
## 142 Levels: Afghanistan Albania Algeria Angola Argentina Australia ... Zimbabwe
```

```
# map2 help us with zip
map2(1:5, 1:5, ~ c(.x, .y))
```

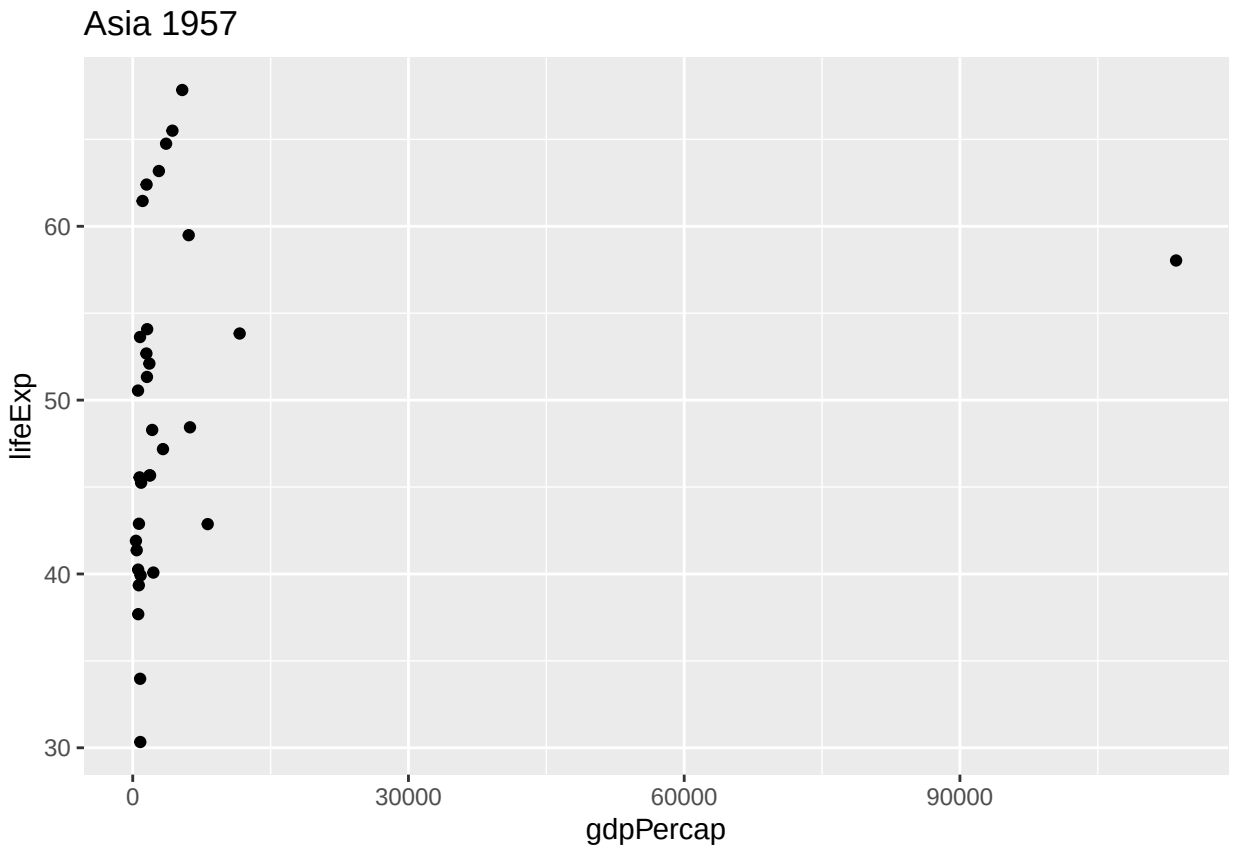
```
## [[1]]
## [1] 1 1
##
## [[2]]
## [1] 2 2
##
## [[3]]
## [1] 3 3
##
## [[4]]
## [1] 4 4
##
## [[5]]
## [1] 5 5
```

```
plot_it <- function(df) {
  distincts.pairs <- df %>% distinct(continent, year)
  map2(distincts.pairs %>% pull(continent) %>% as.character,
       distincts.pairs %>% pull(year) ,
       ~ df %>%
           filter(continent == .x, year == .y) %>%
           ggplot() +
           geom_point(aes(x = gdpPercap, y = lifeExp)) +
           ggtitle(glue::glue(.x, " ", .y)))
}

gapminder %>% plot_it
```

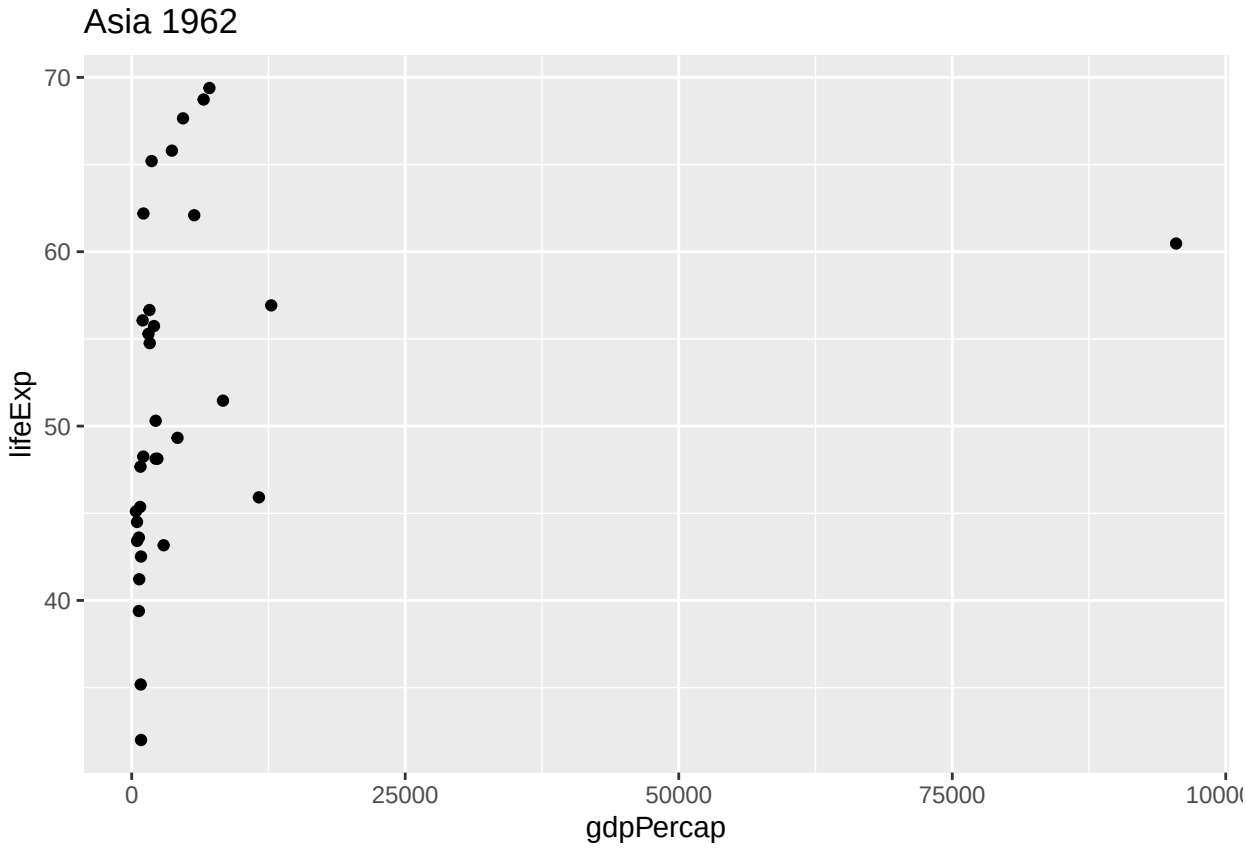
```
## [[1]]
```



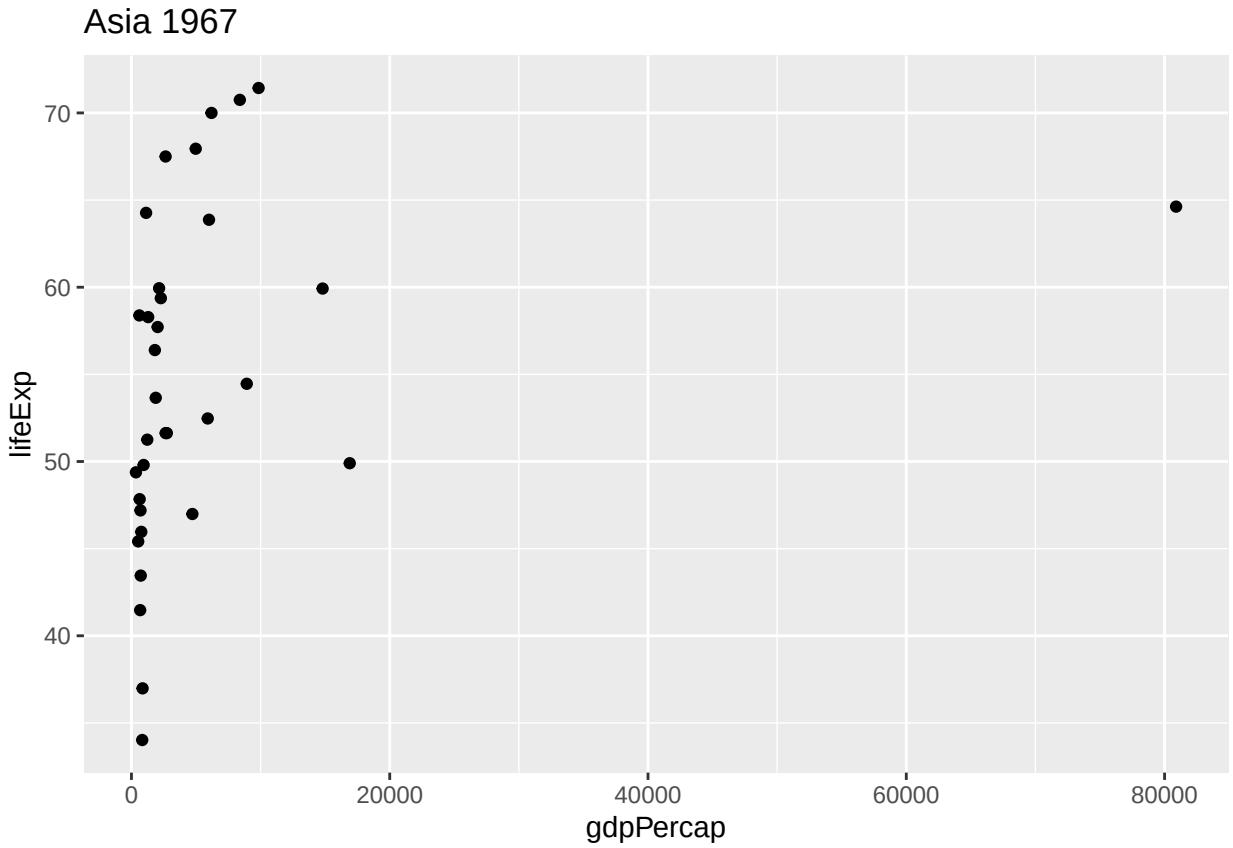

```
##
## [[2]]
```



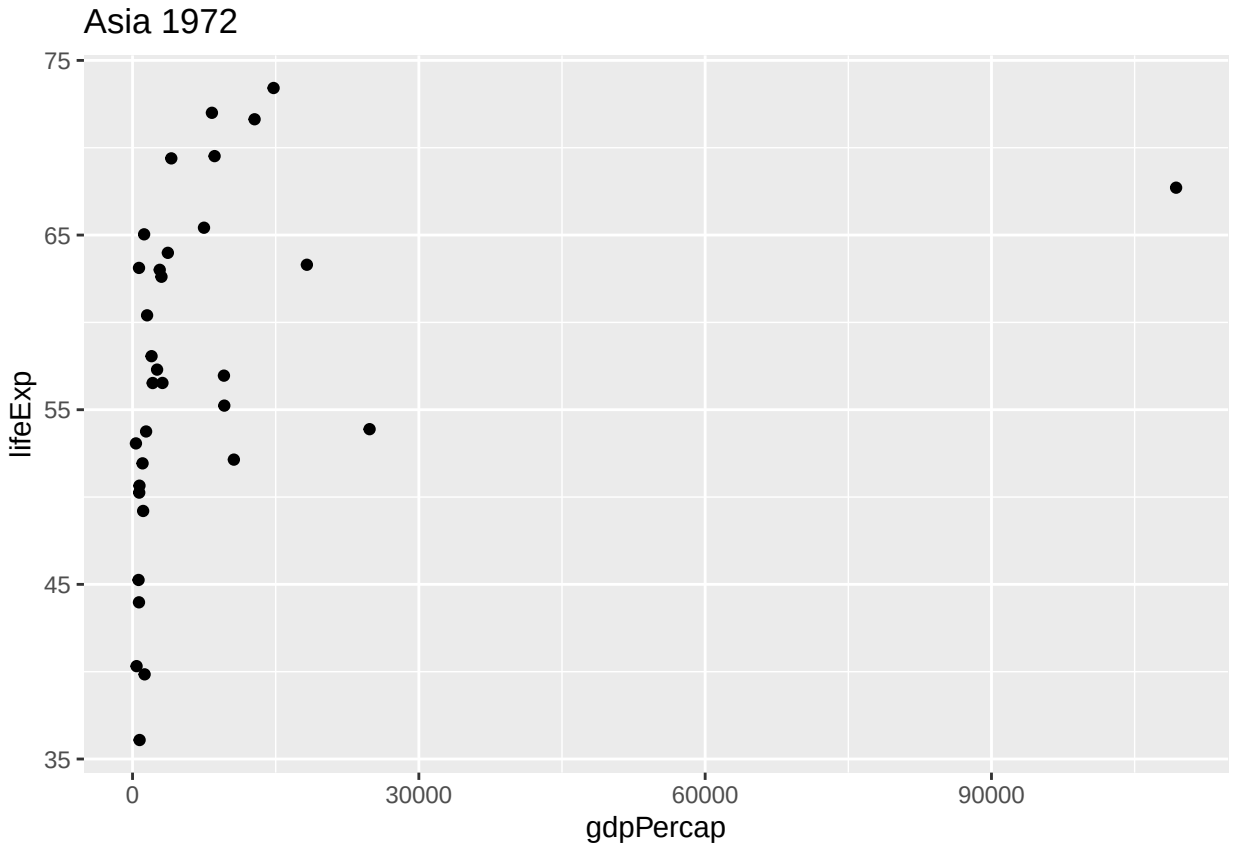

```
##
## [[3]]
```



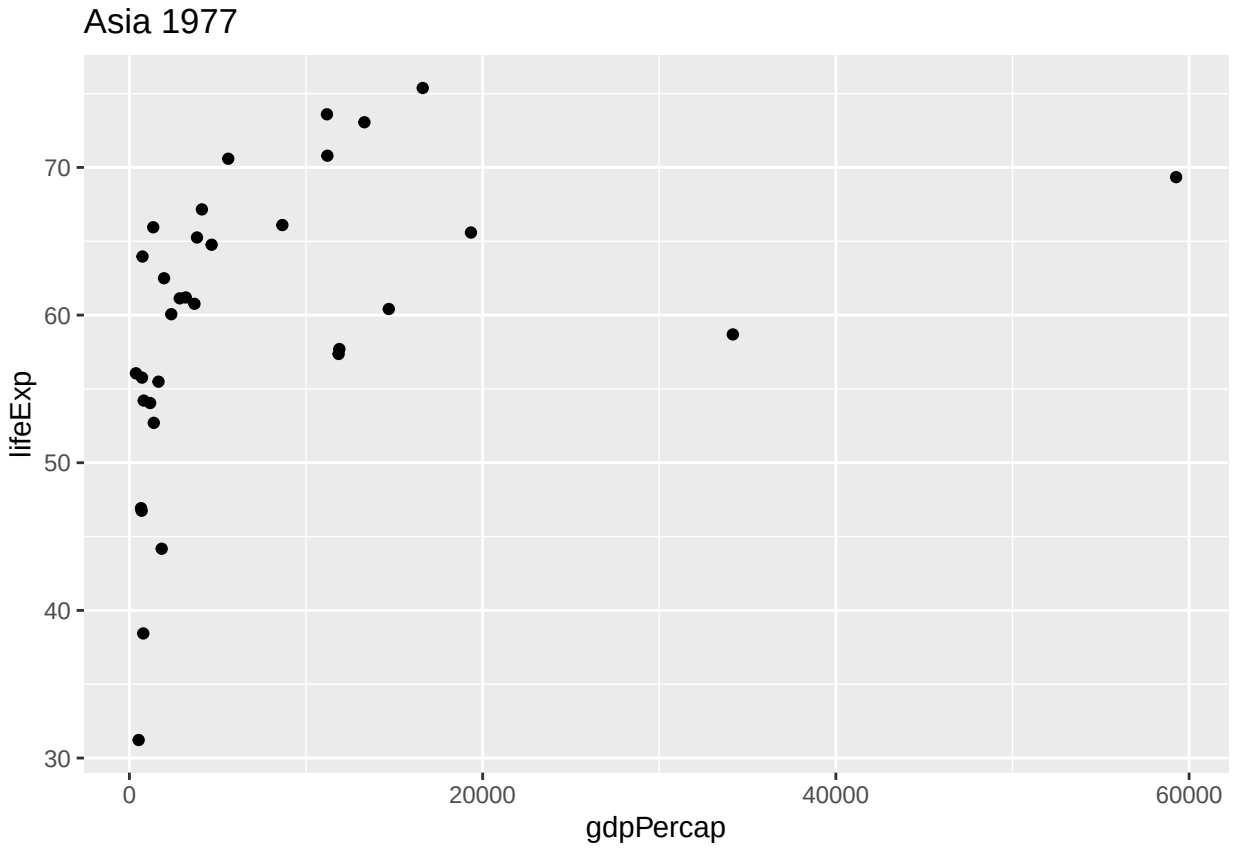

```
##
## [[4]]
```


Asia 1967
lifeExp
70
60
50
40
0
20000
40000
60000
80000
gdpPercap

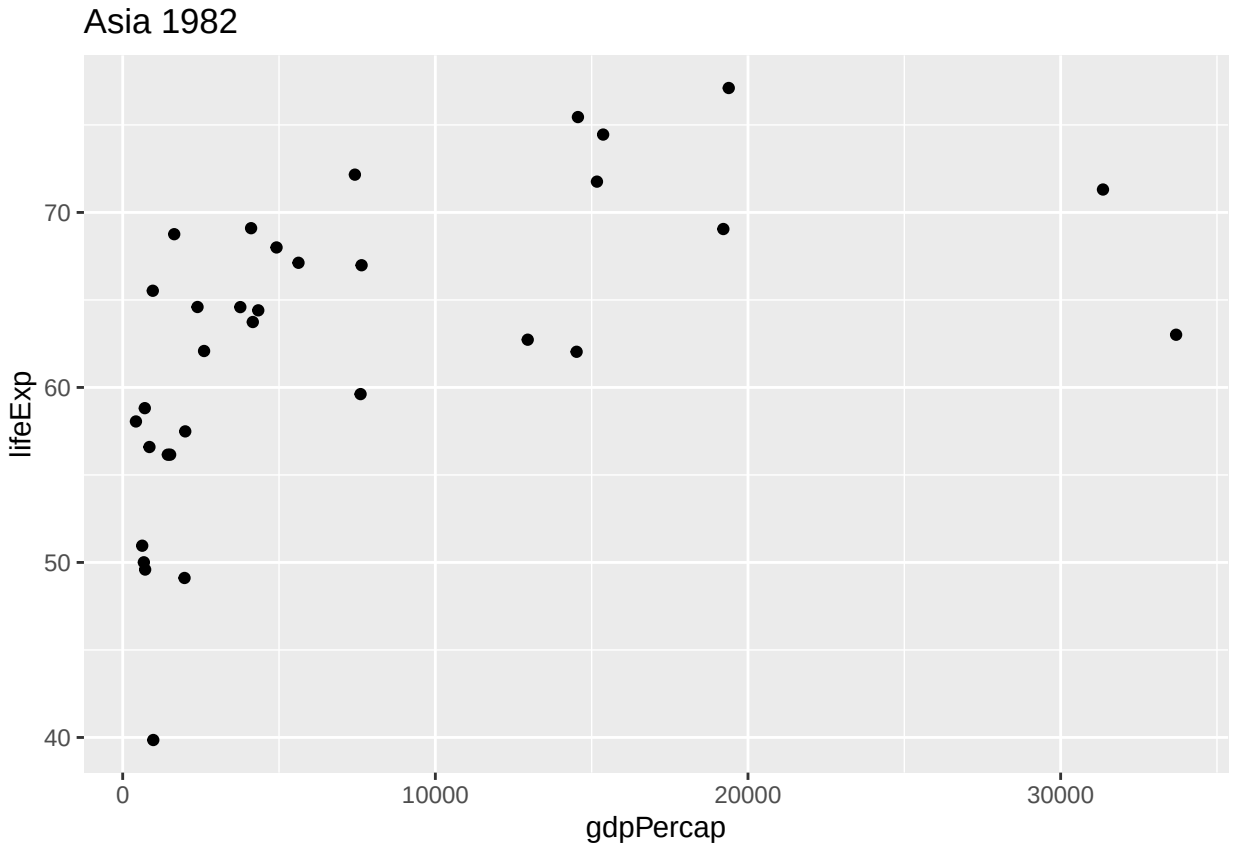
```
##
## [[5]]
```


Asia 1972
lifeExp
75
65
55
45
35
0
30000
60000
90000
gdpPercap

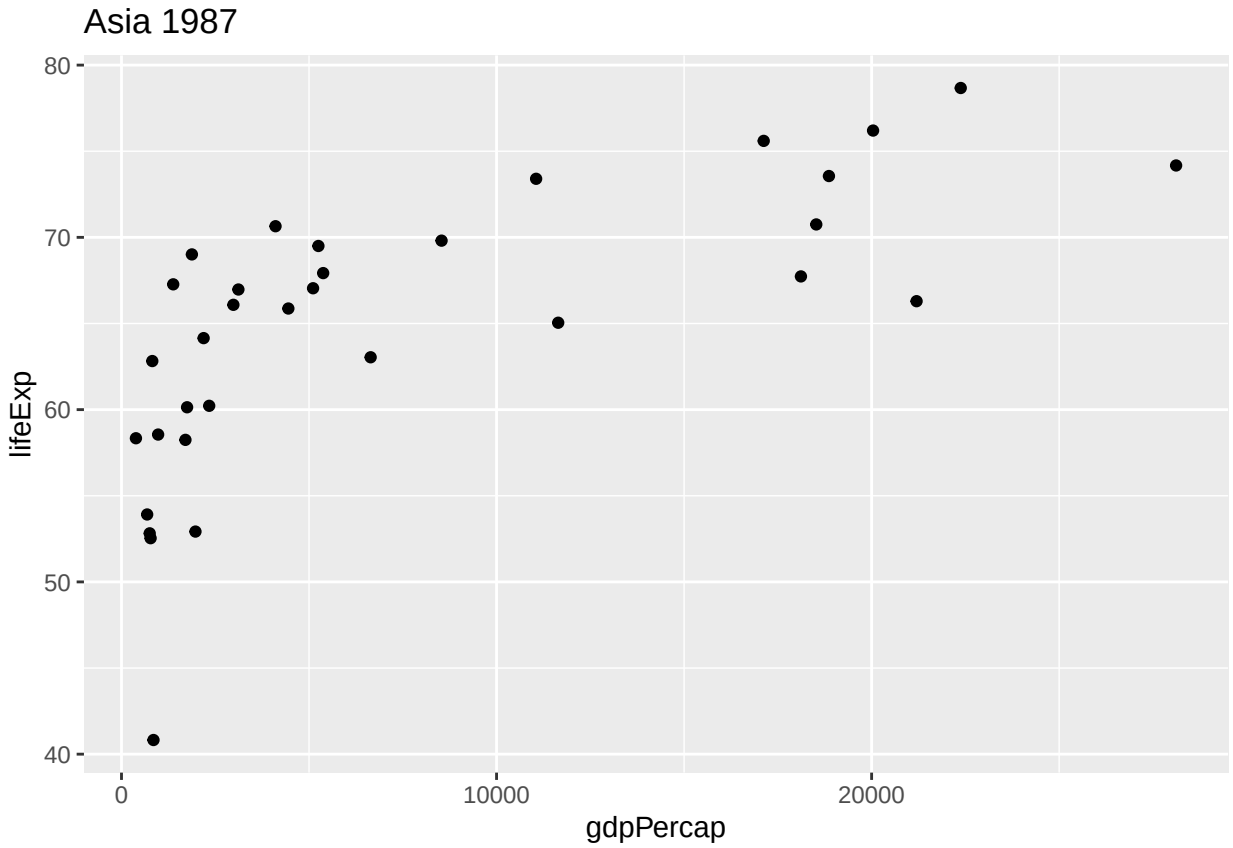
```
##
## [[6]]
```


Asia 1977
lifeExp
gdpPercap
70
60
50
40
30
0
20000
40000
60000

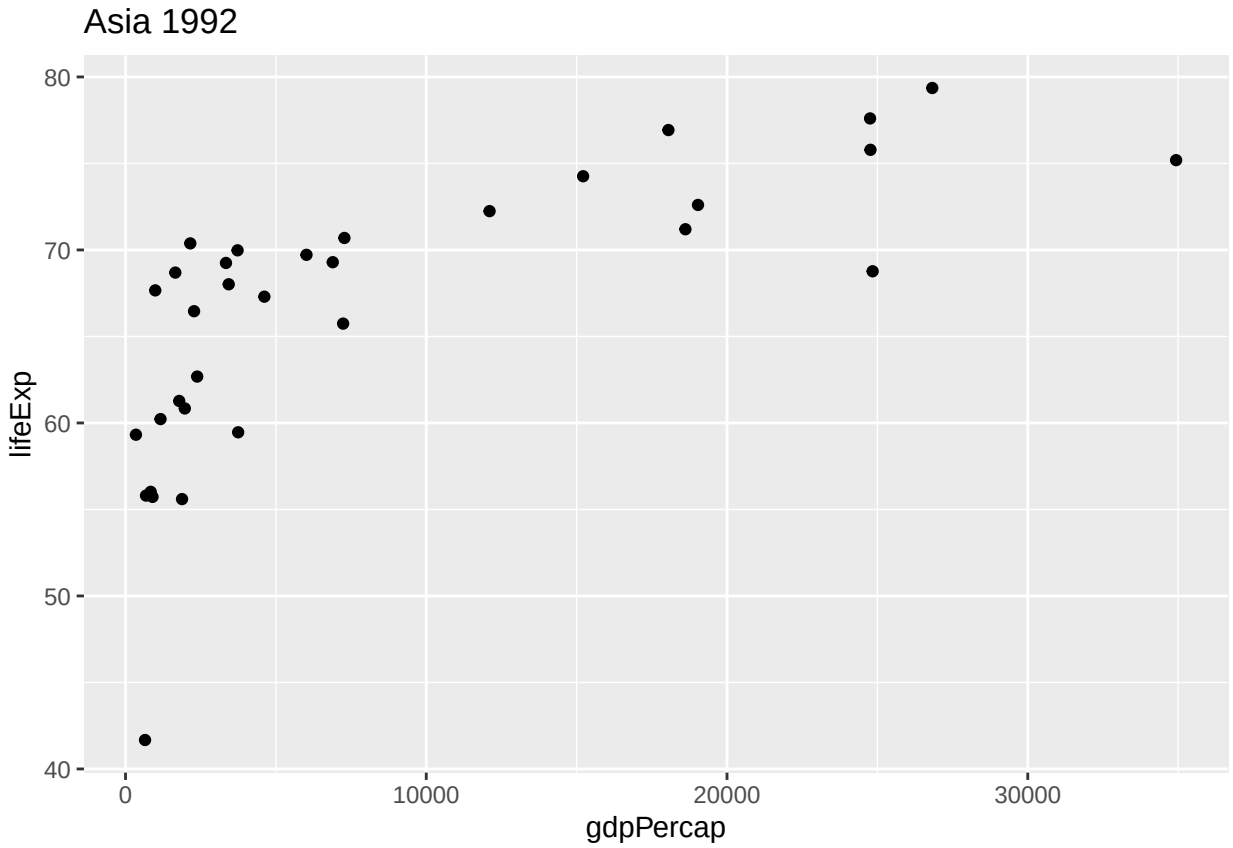
```
##
## [[7]]
```



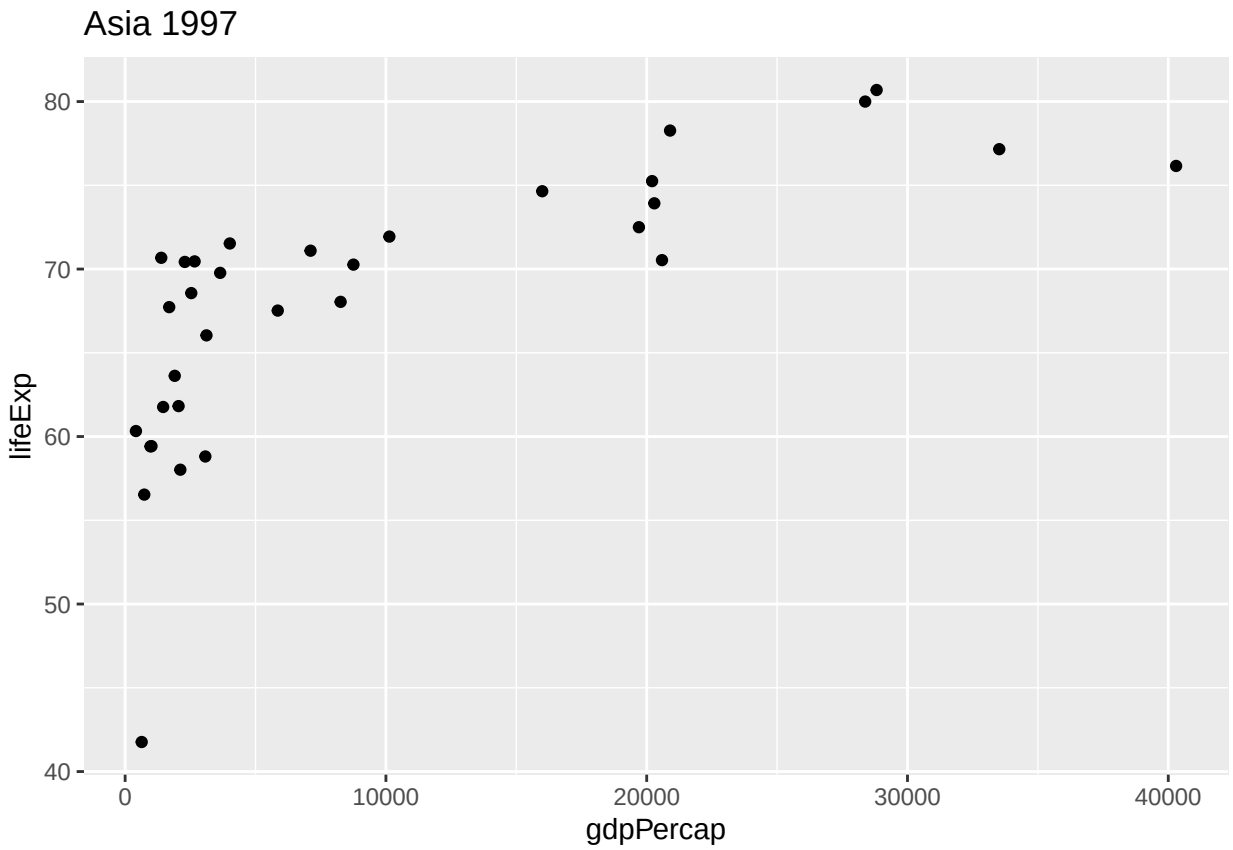

```
##
## [[8]]
```



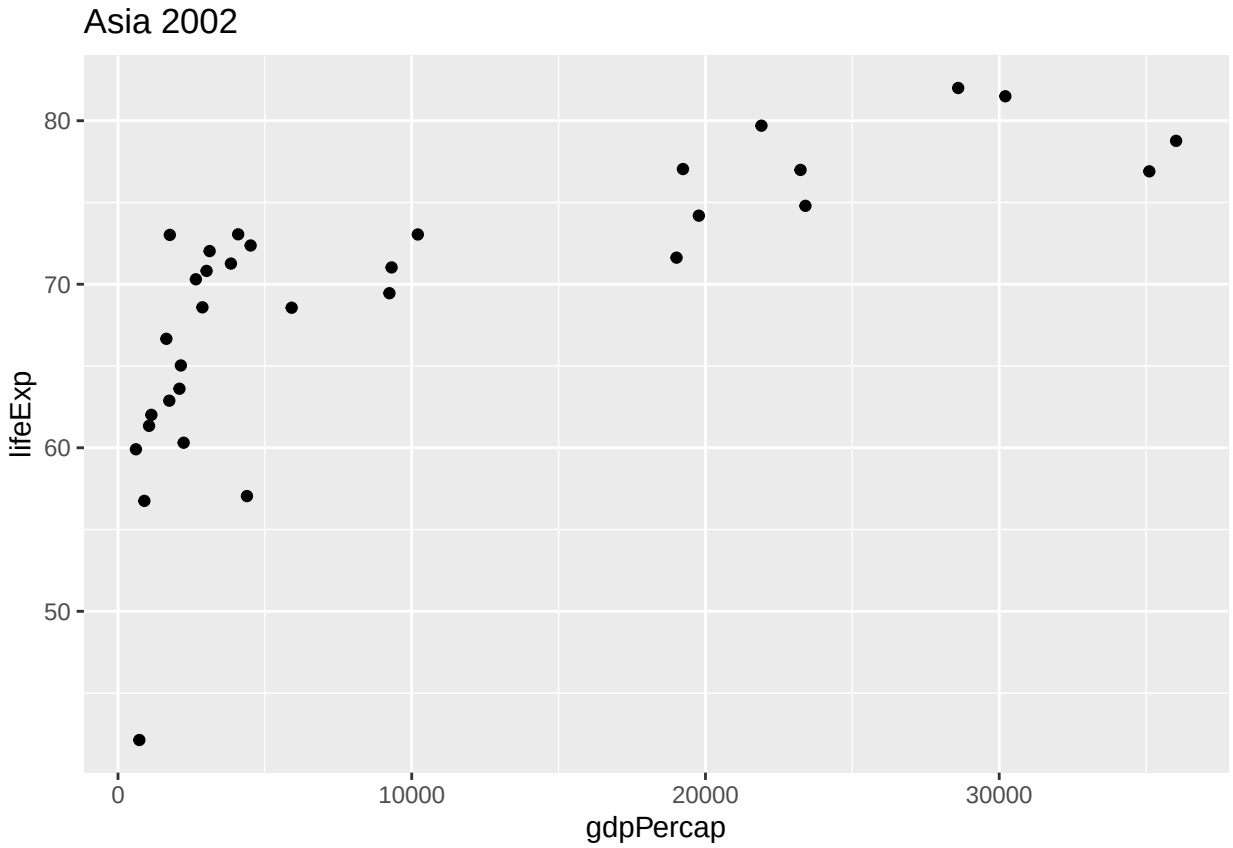

```
##
## [[9]]
```


Asia 1992
lifeExp
gdpPercap
80
70
60
50
40
0
10000
20000
30000

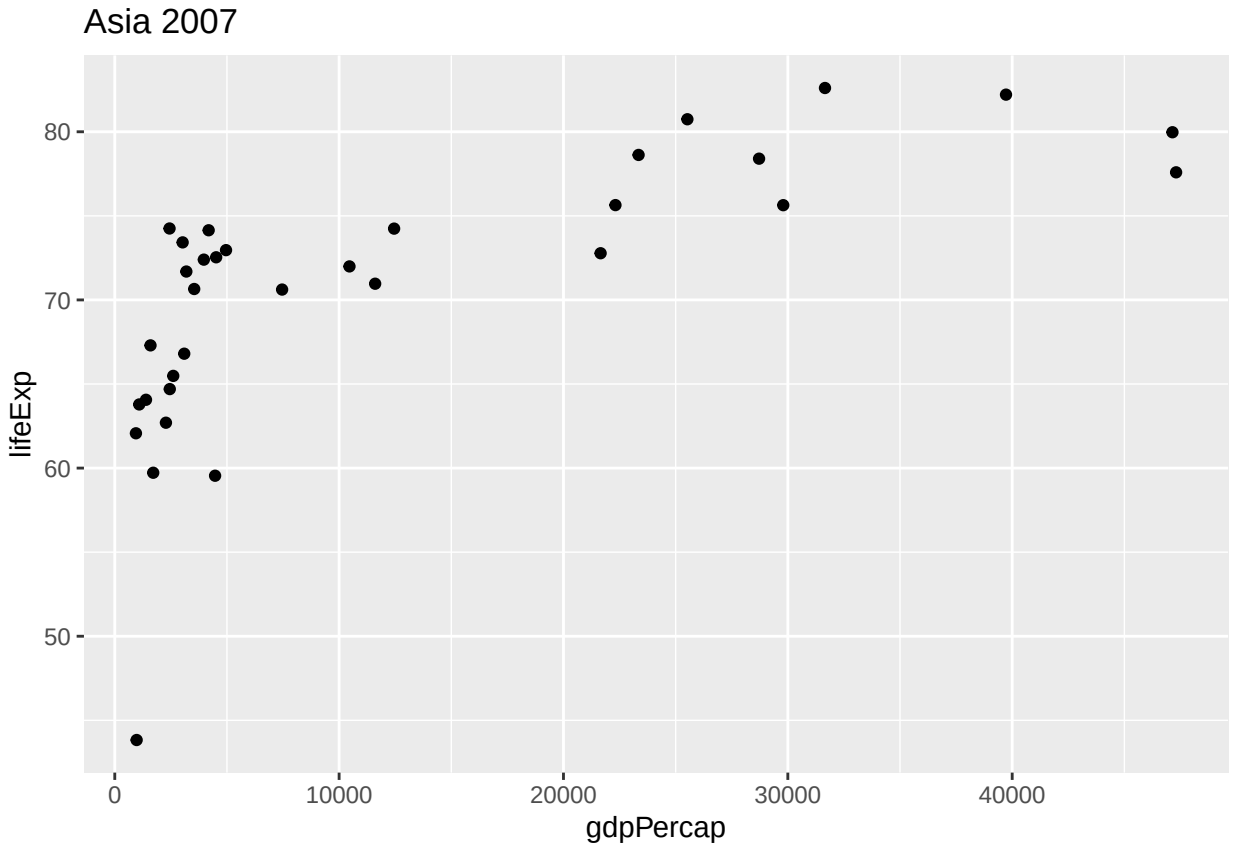
```
##
## [[10]]
```


Asia 1997
lifeExp
gdpPercap
80
70
60
50
40
0
10000
20000
30000
40000

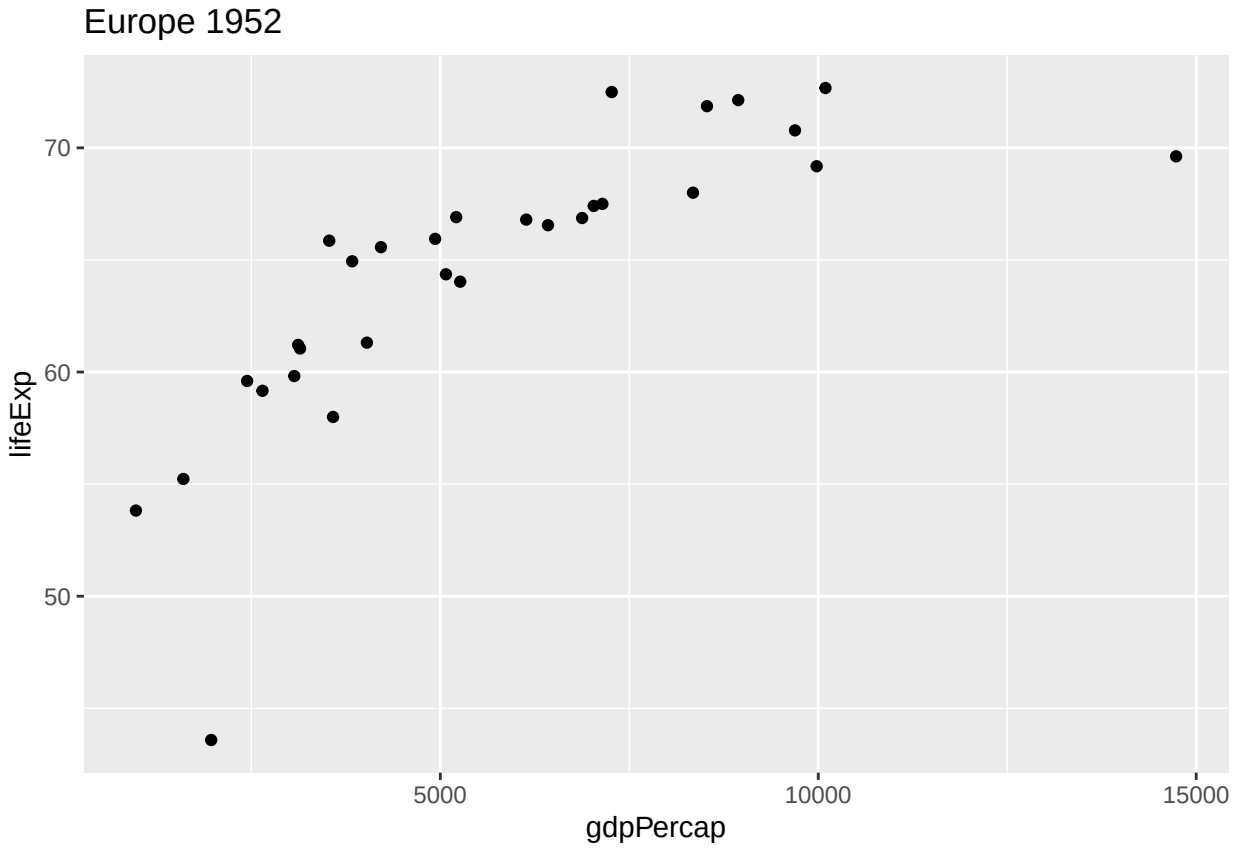
```
##
## [[11]]
```



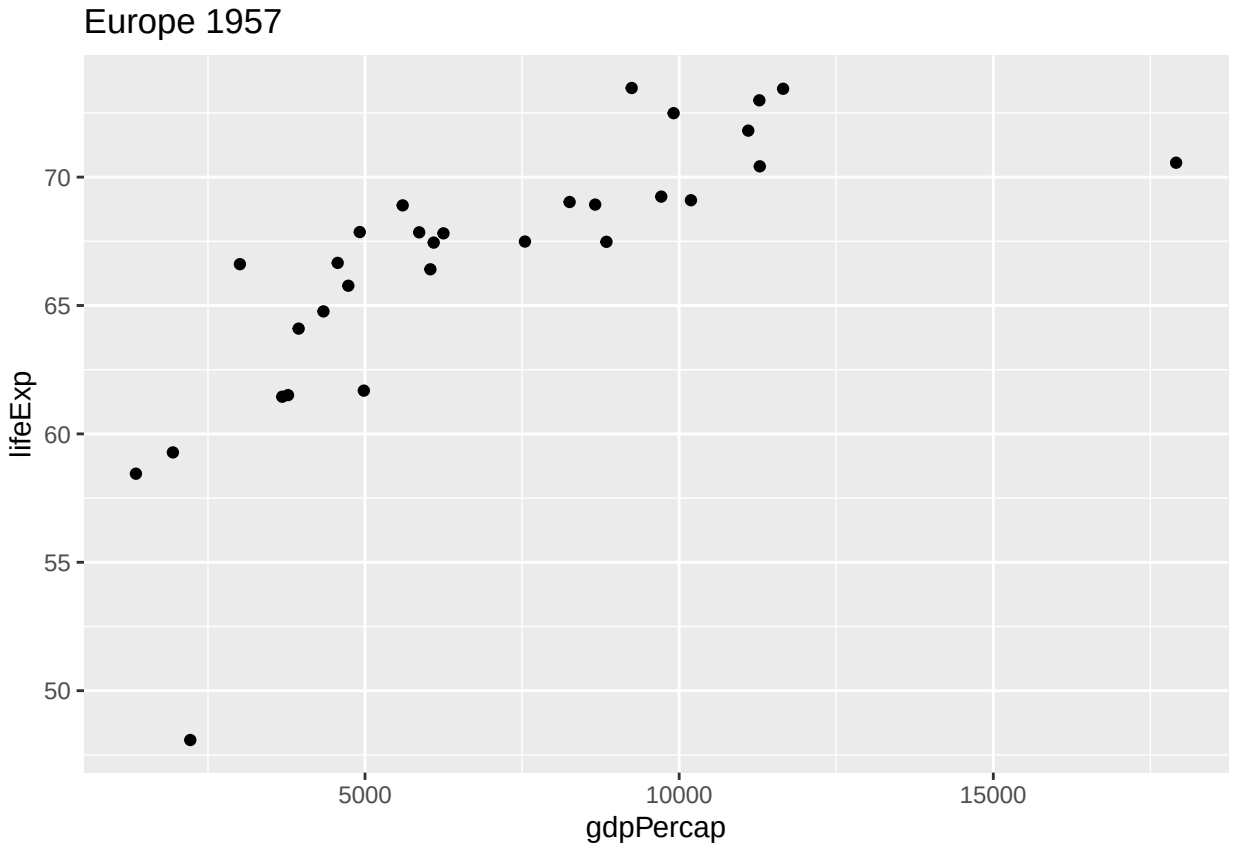

```
##
## [[12]]
```


Asia 2007
lifeExp
gdpPercap
80
70
60
50
0
10000
20000
30000
40000

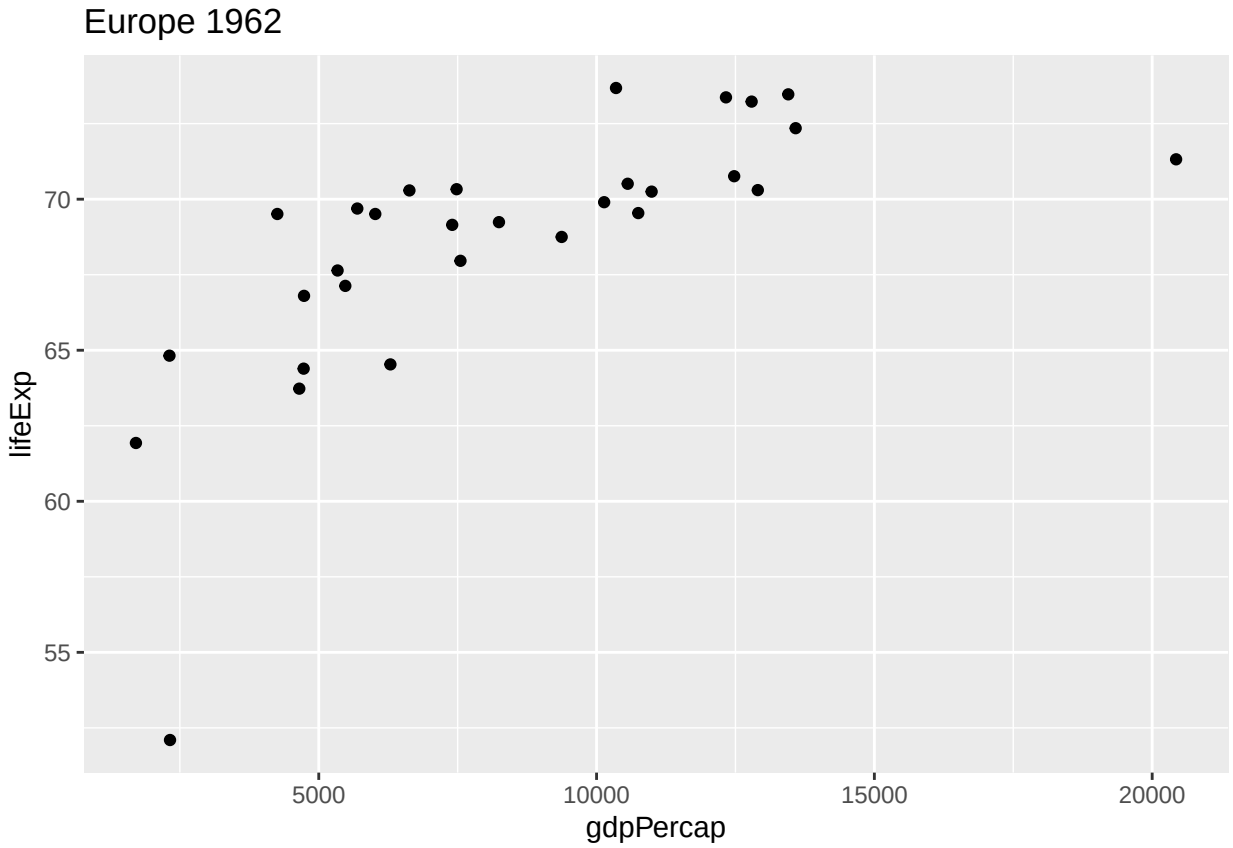
```
##
## [[13]]
```



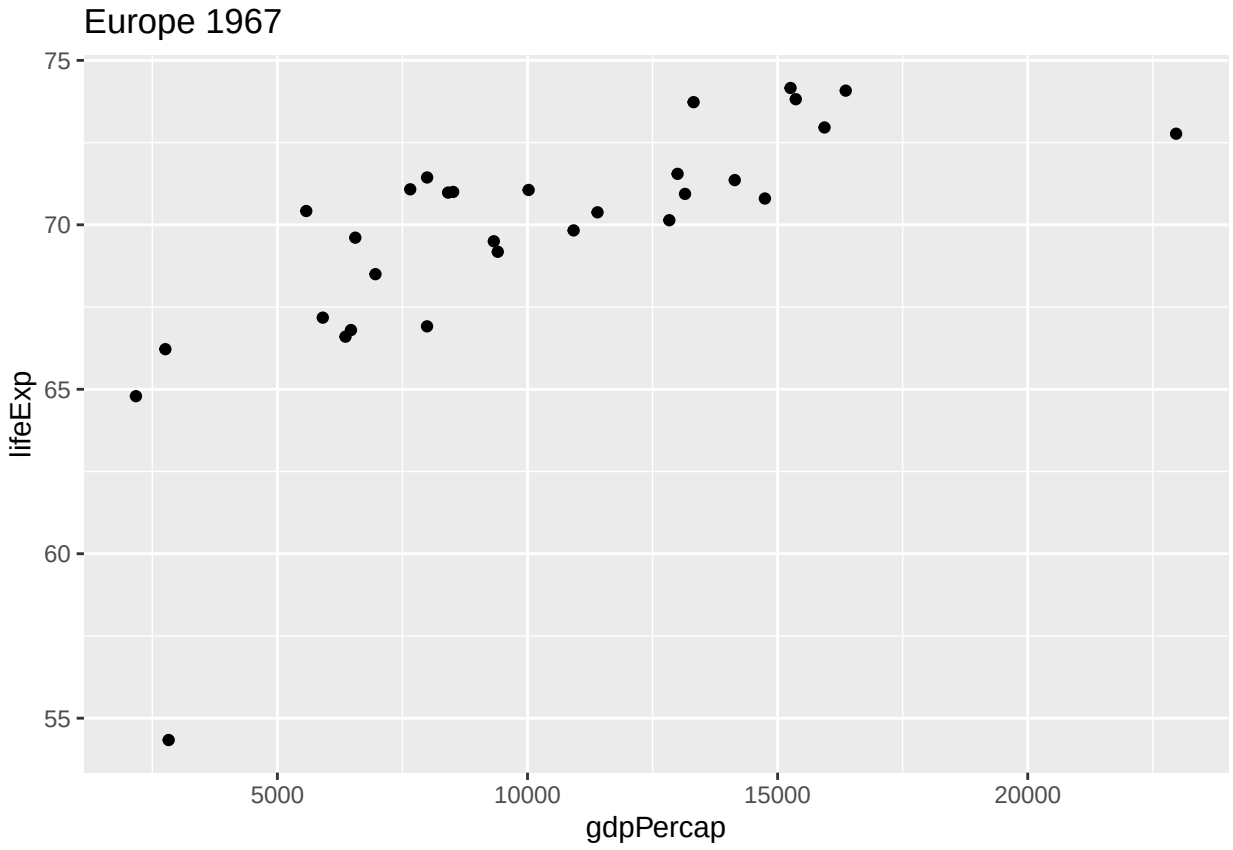

```
##
## [[14]]
```


Europe 1957
lifeExp
70
65
60
55
50
5000
10000
15000
gdpPercap

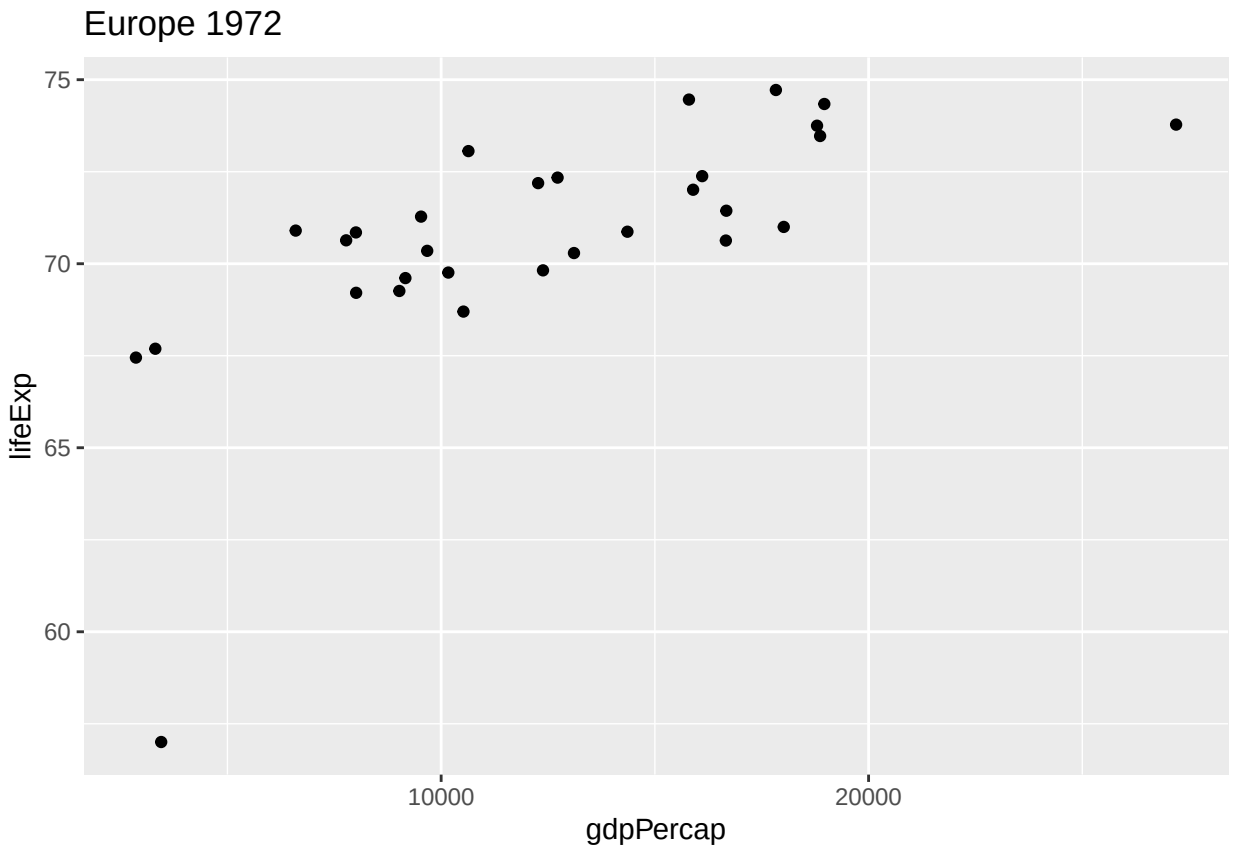
```
##
## [[15]]
```


Europe 1962
lifeExp
70
65
60
55
5000
10000
15000
20000
gdpPercap

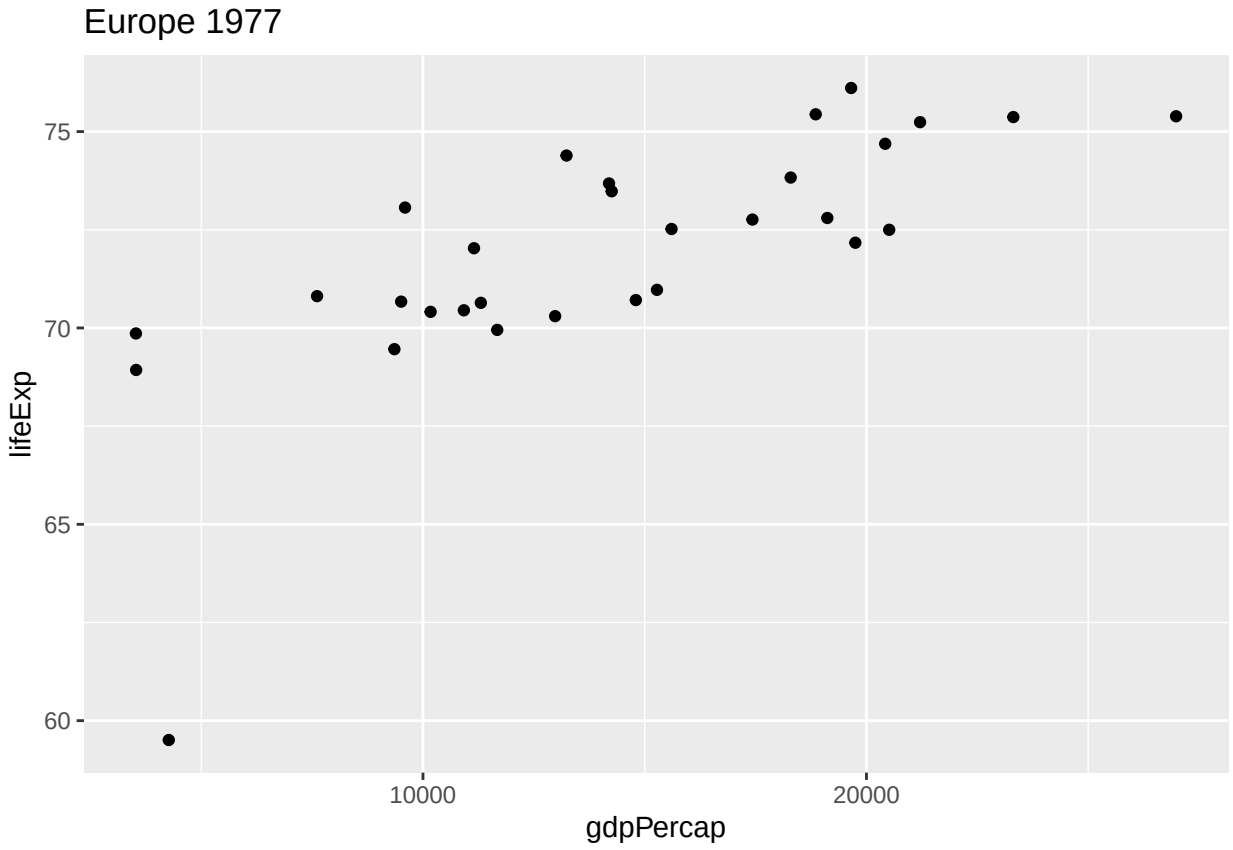
```
##
## [[16]]
```


Europe 1967
lifeExp
gdpPercap
75
70
65
60
55
5000
10000
15000
20000

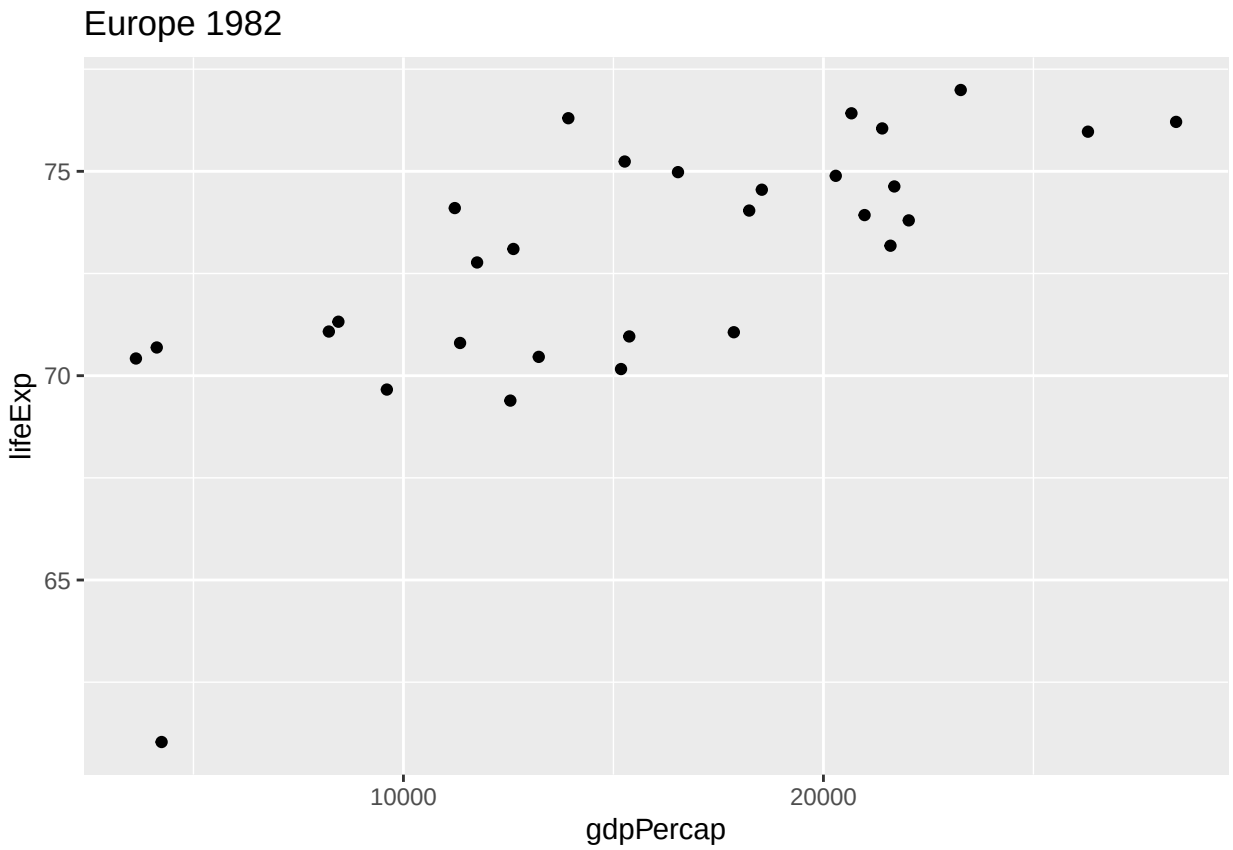
```
##
## [[17]]
```



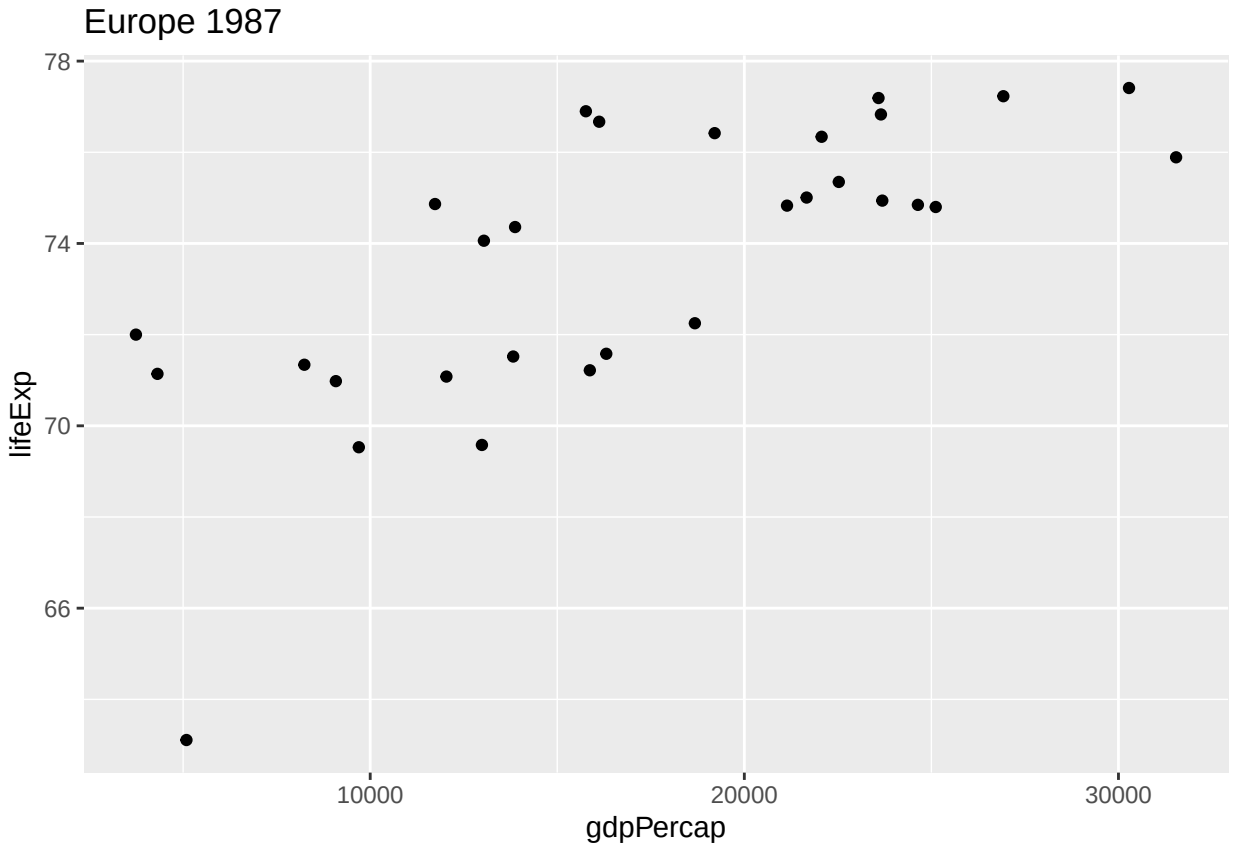

```
##
## [[18]]
```



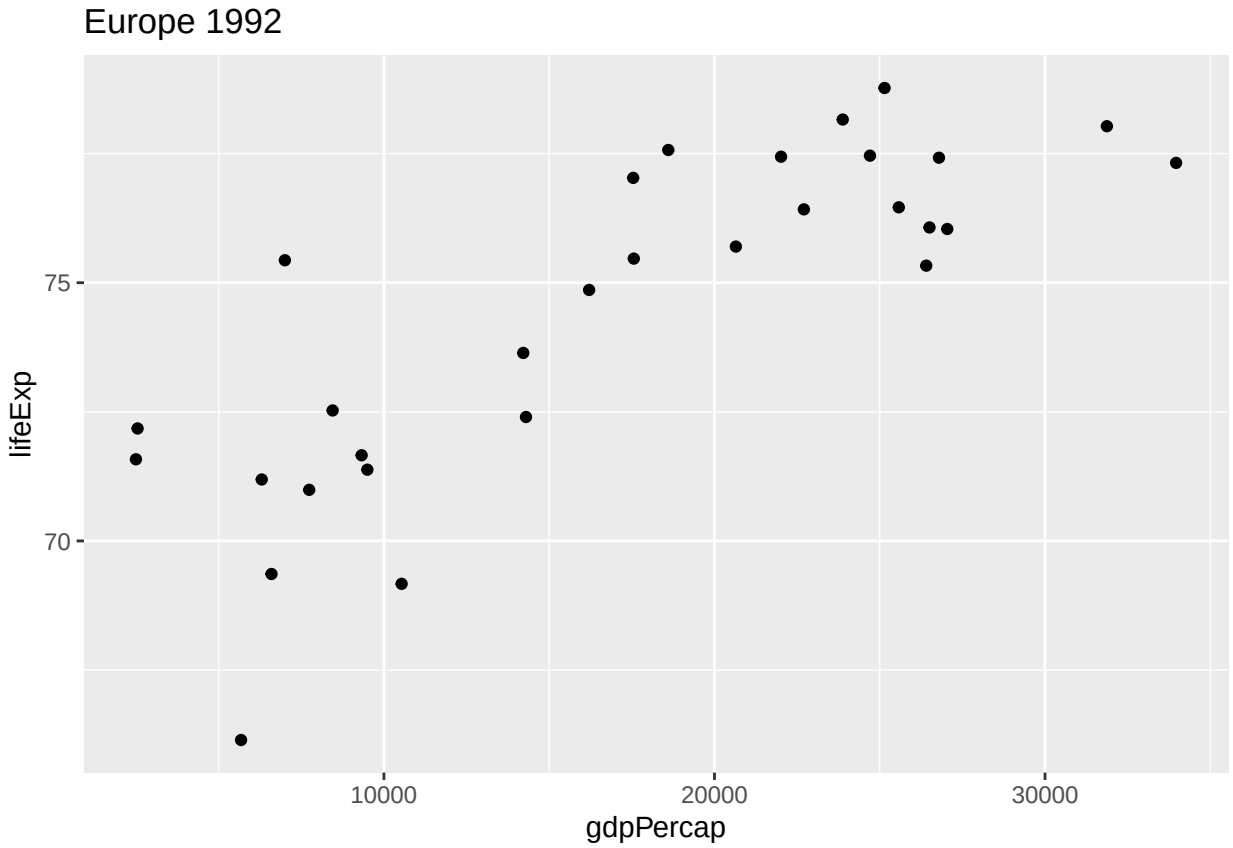

```
##
## [[19]]
```



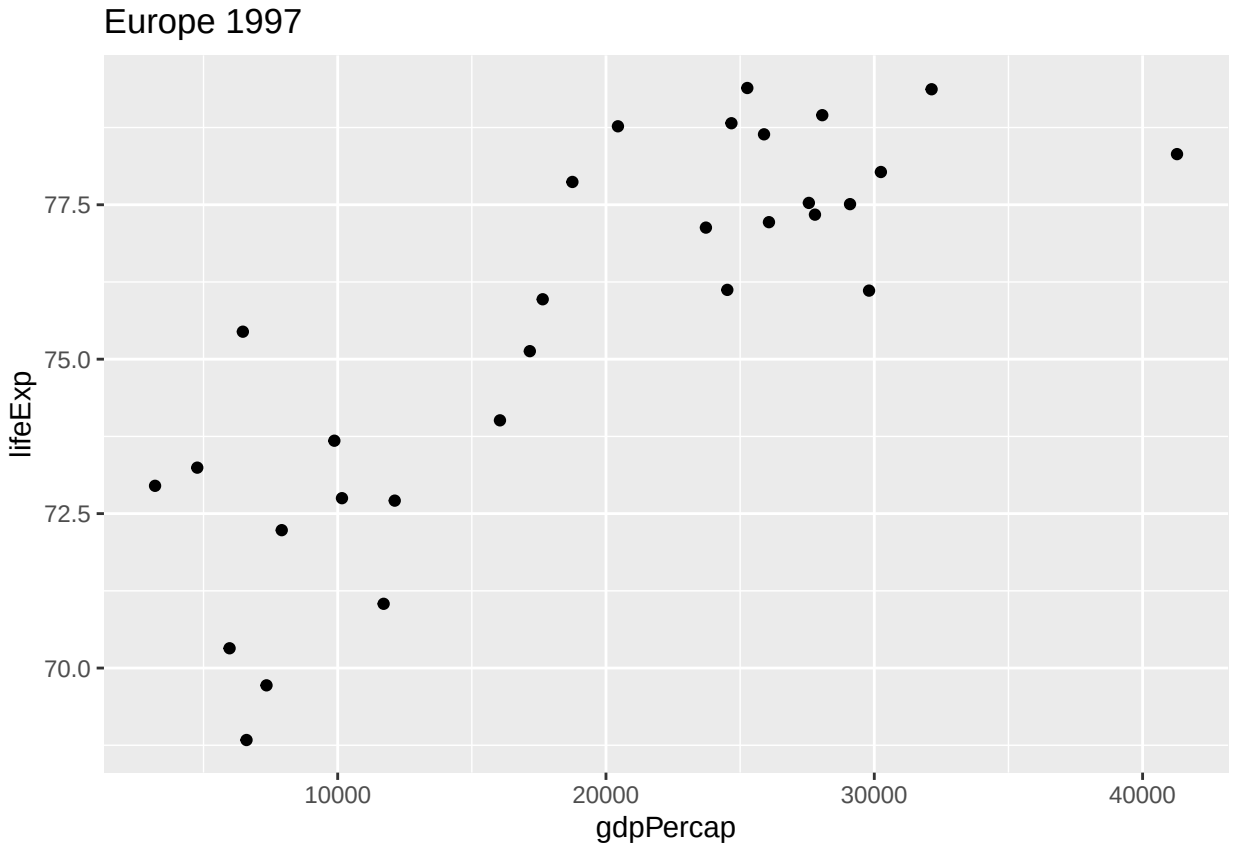

```
##
## [[20]]
```



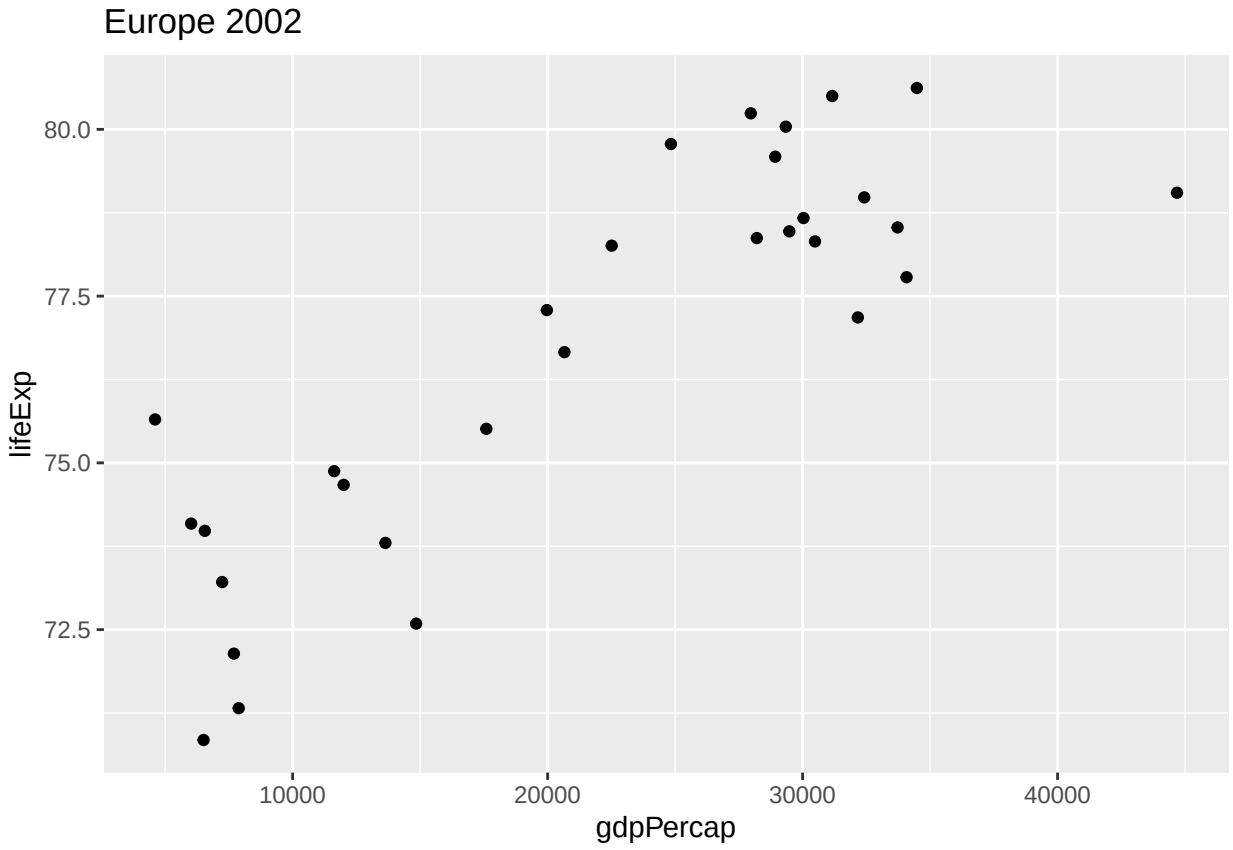

```
##
## [[21]]
```



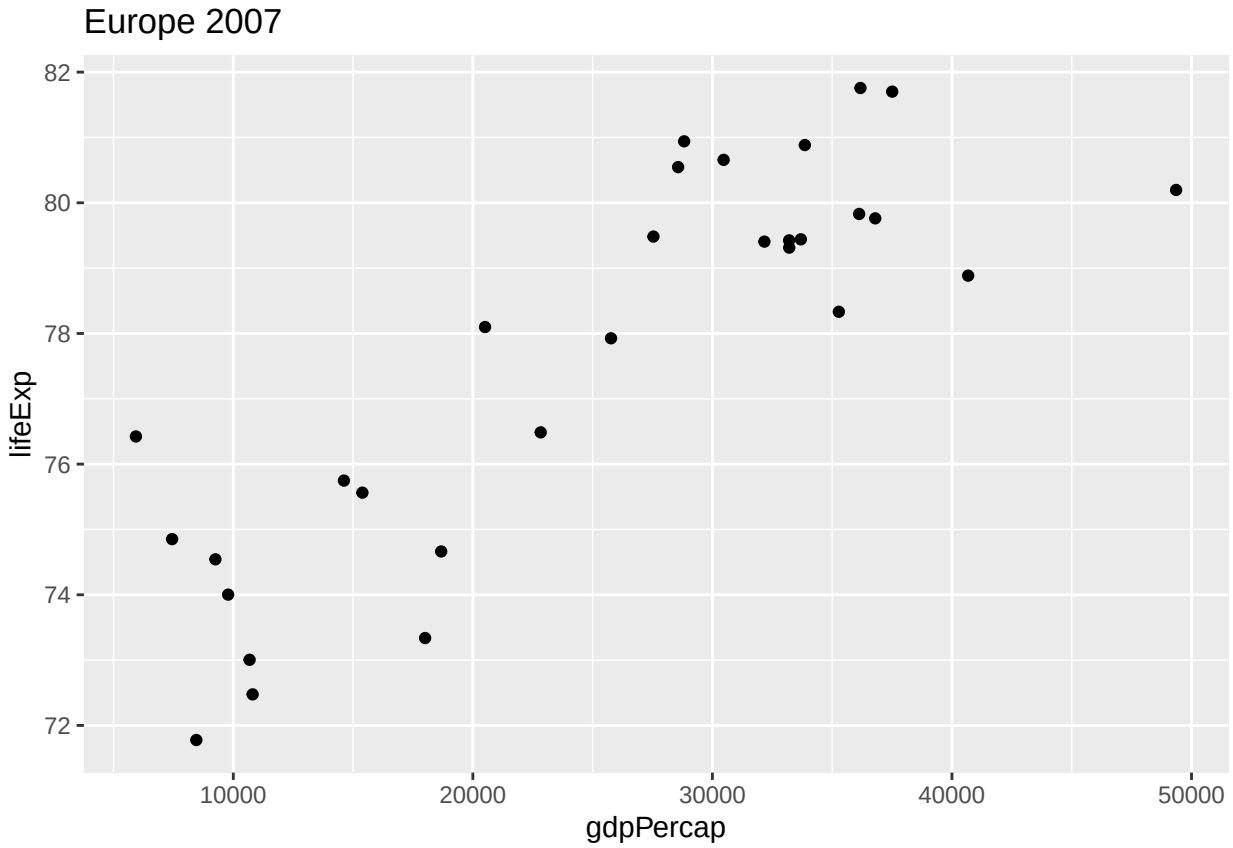

```
##
## [[22]]
```


Europe 1997
lifeExp
77.5
75.0
72.5
70.0
10000
20000
30000
40000
gdpPercap

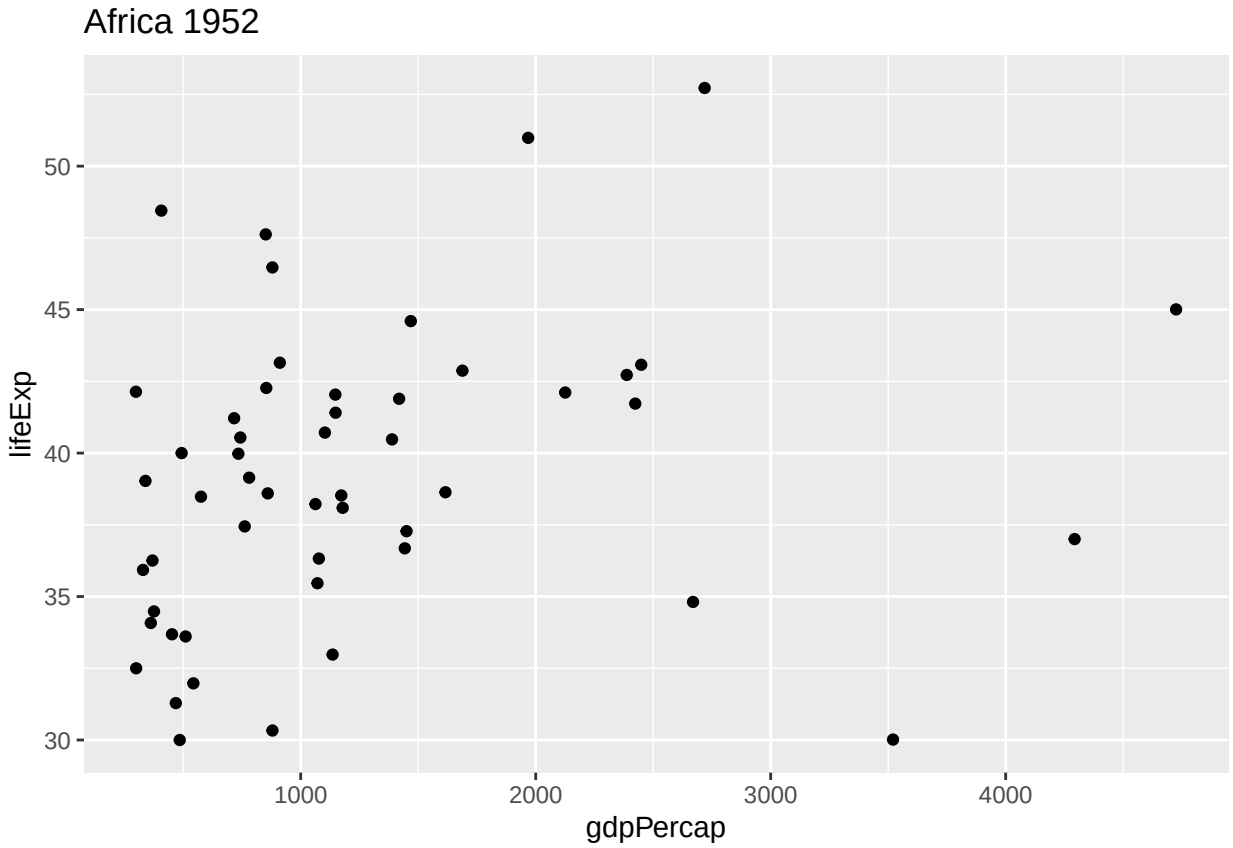
```
##
## [[23]]
```


Europe 2002
80.0
77.5
75.0
72.5
lifeExp
10000
20000
30000
40000
gdpPercap

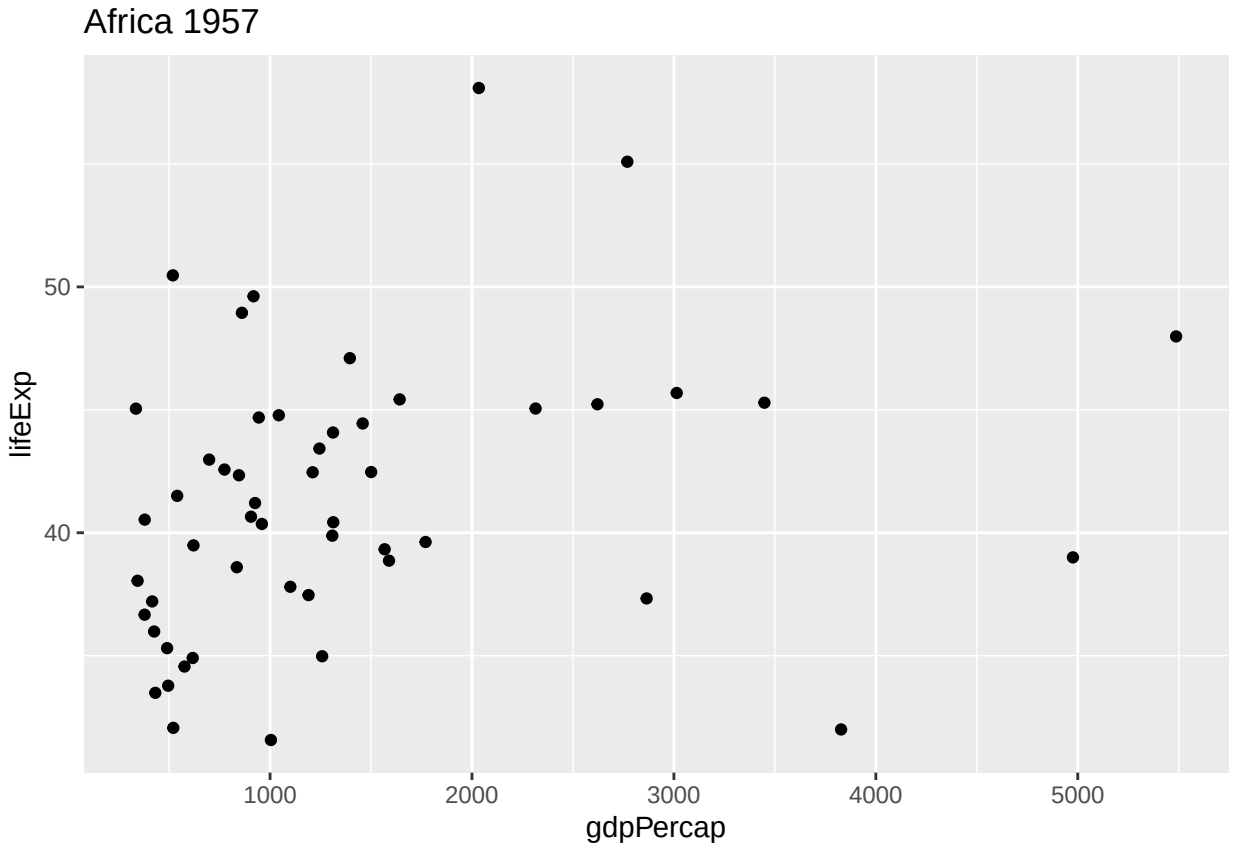
```
##
## [[24]]
```


Europe 2007
lifeExp
gdpPercap
82
80
78
76
74
72
10000
20000
30000
40000
50000

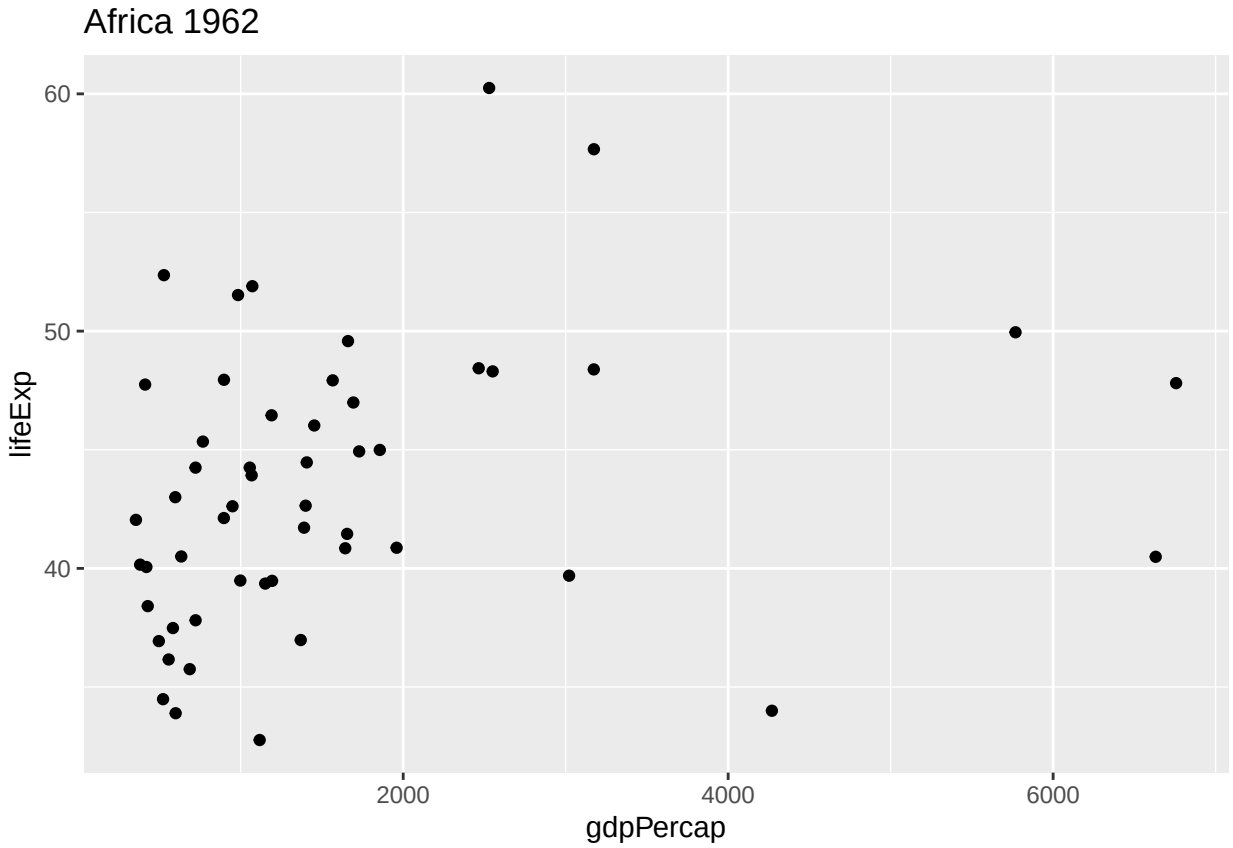
```
##
## [[25]]
```


Africa 1952
lifeExp
gdpPercap
50
45
40
35
30
1000
2000
3000
4000

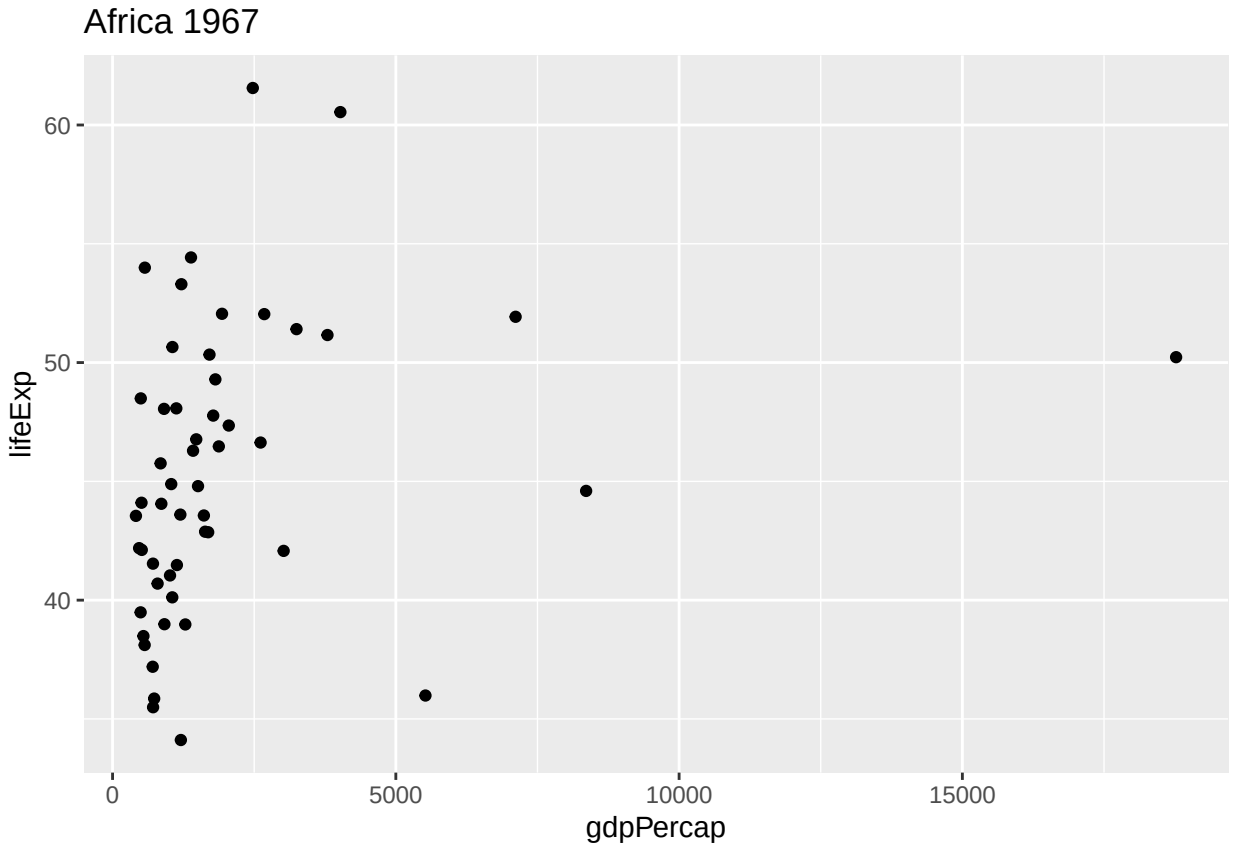
```
##
## [[26]]
```


Africa 1957
lifeExp
50
40
1000
2000
3000
4000
5000
gdpPercap

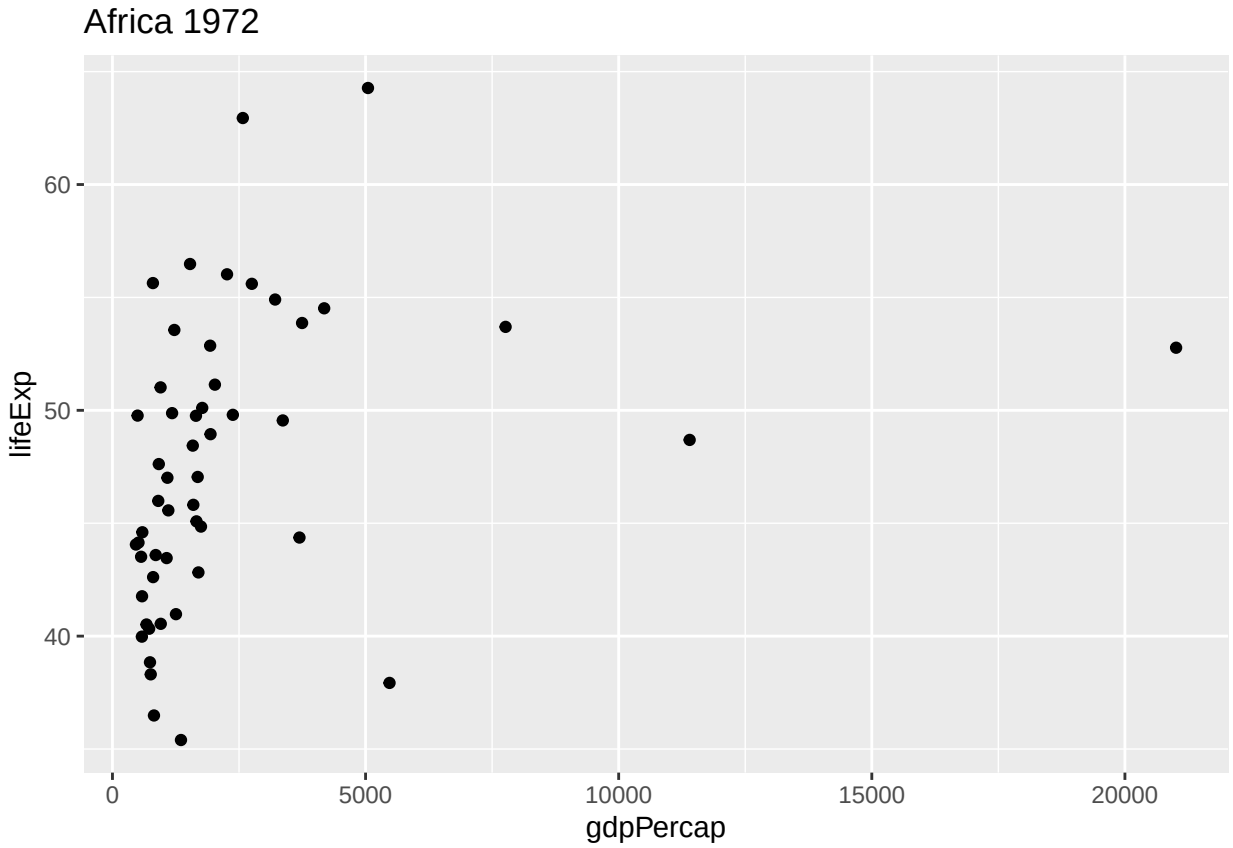
```
##
## [[27]]
```



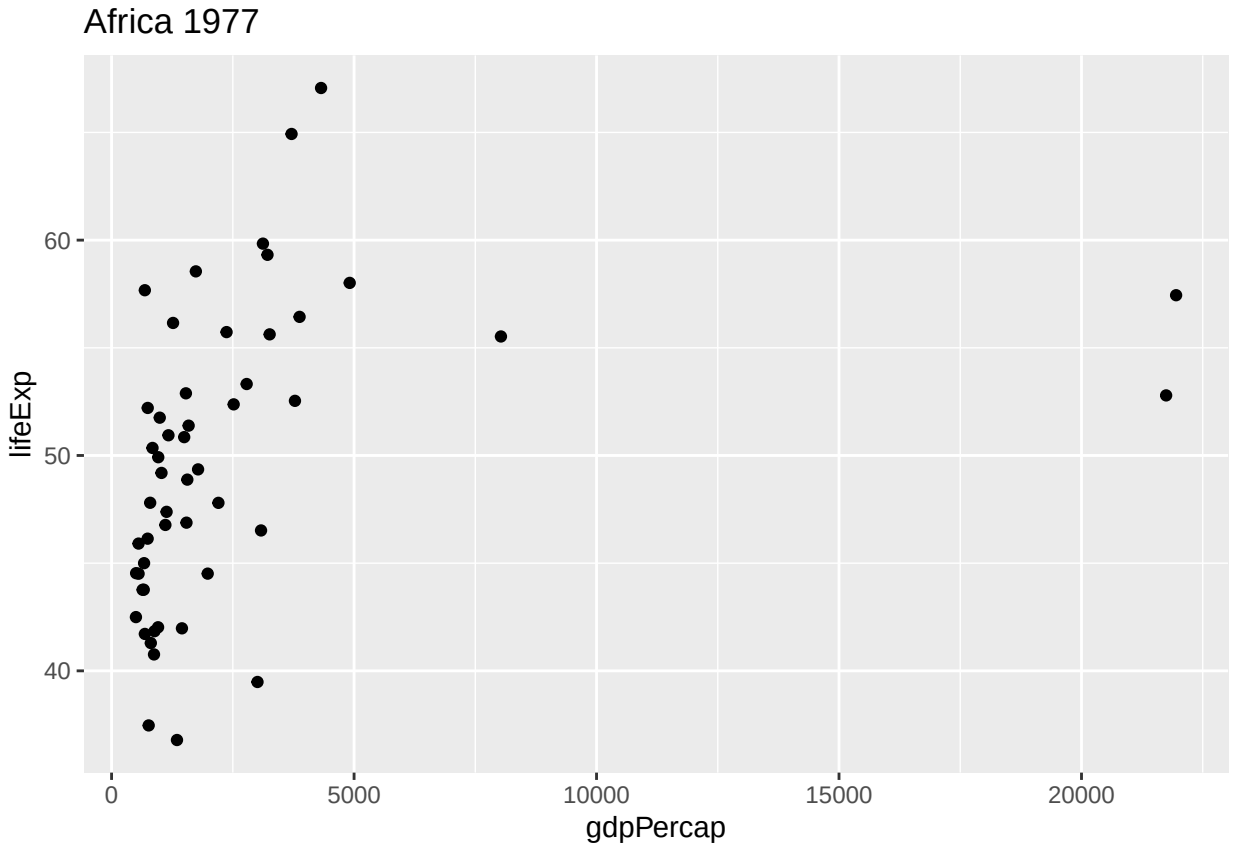

```
##
## [[28]]
```



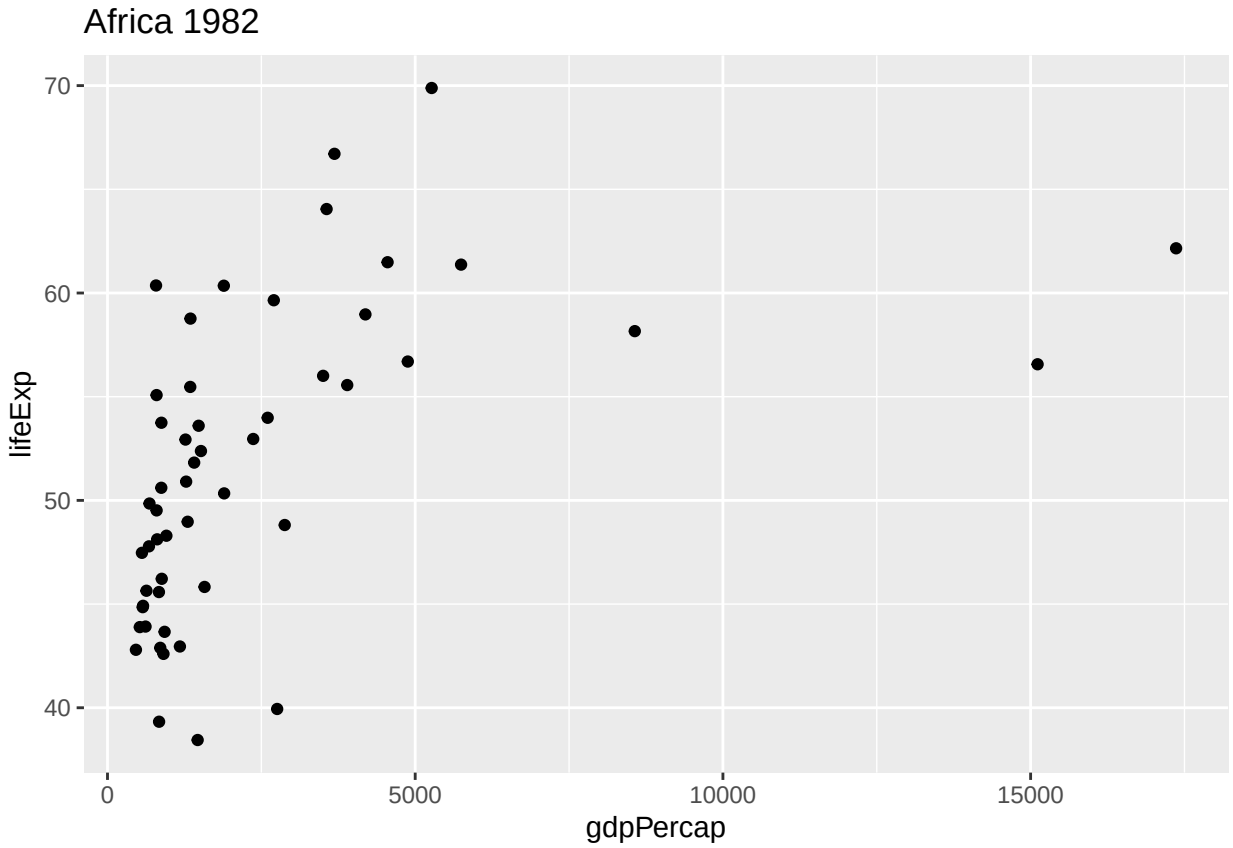

```
##
## [[29]]
```


Africa 1972
lifeExp
60
50
40
0
5000
10000
15000
20000
gdpPercap

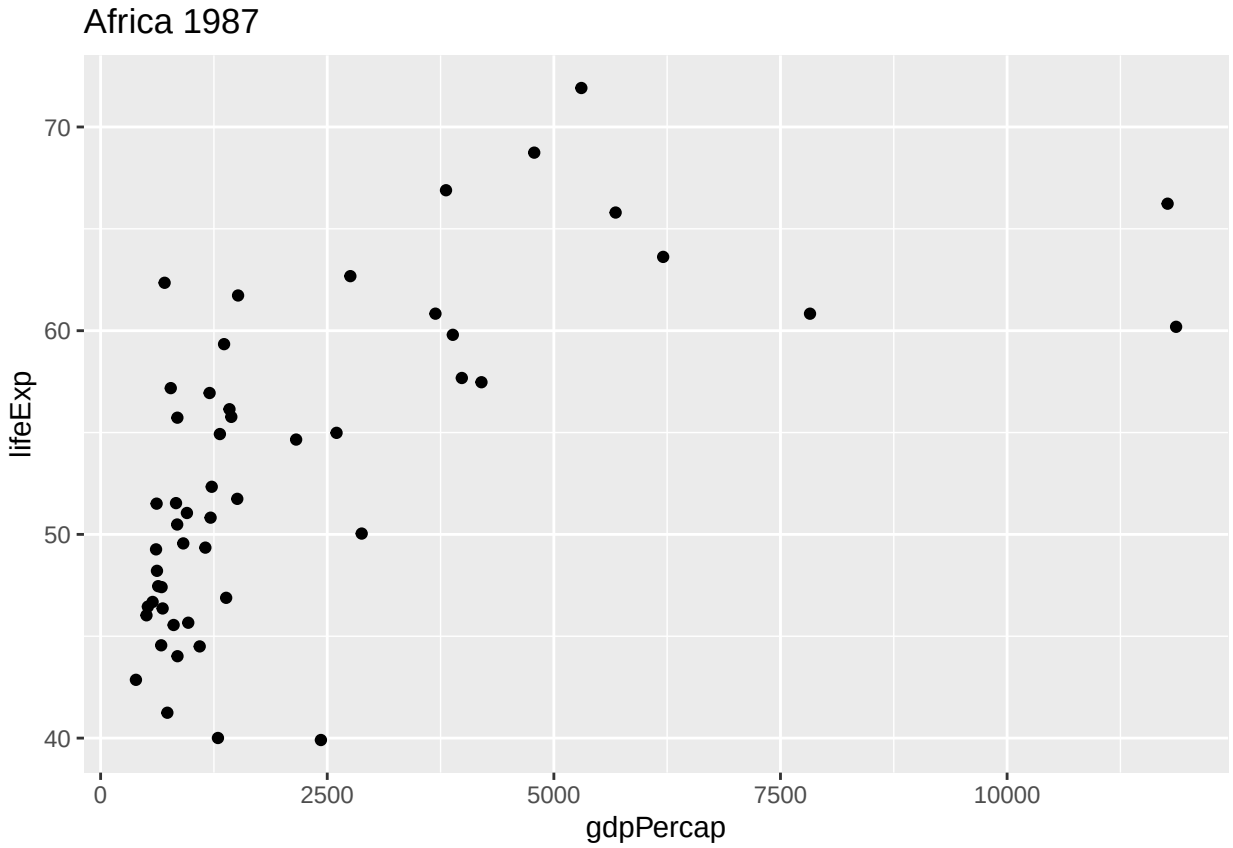
```
##
## [[30]]
```


Africa 1977
lifeExp
60
50
40
0
5000
10000
15000
20000
gdpPercap

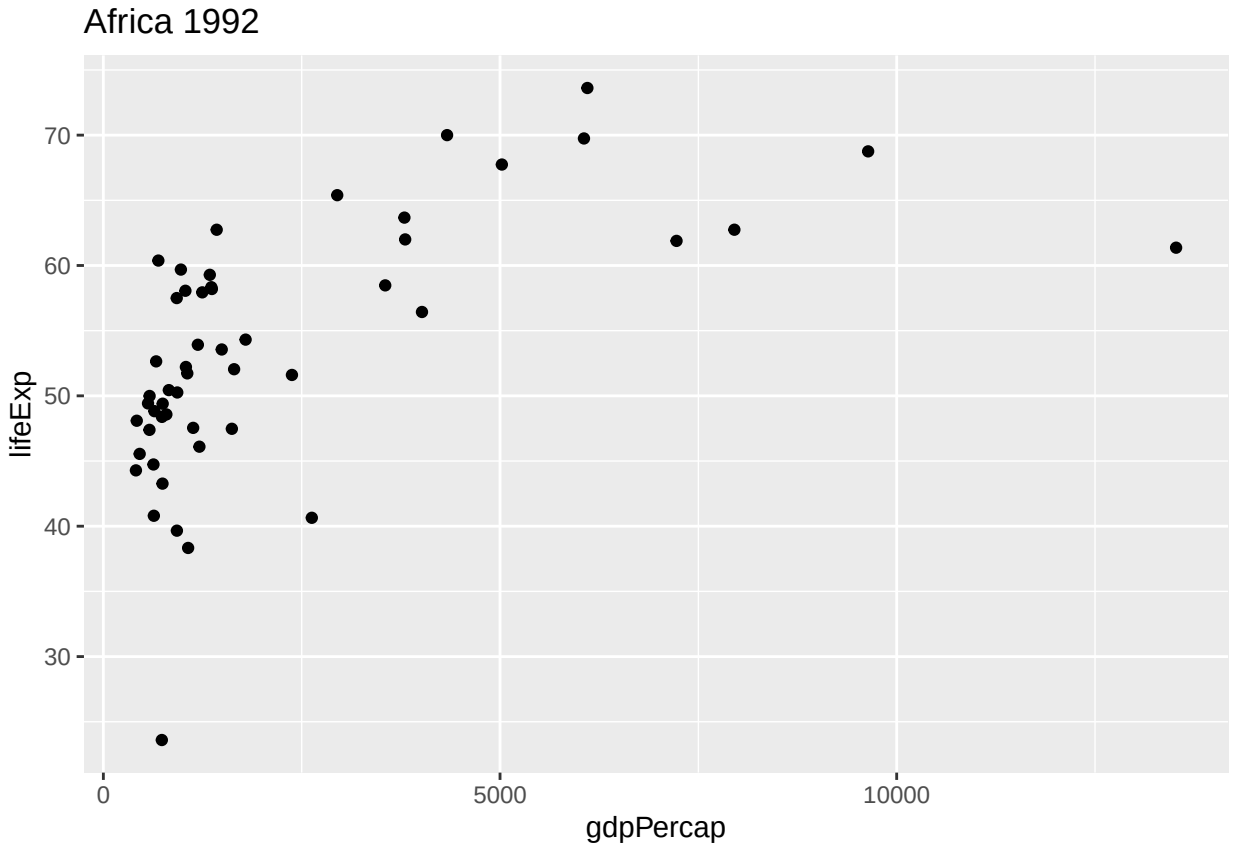
```
##
## [[31]]
```



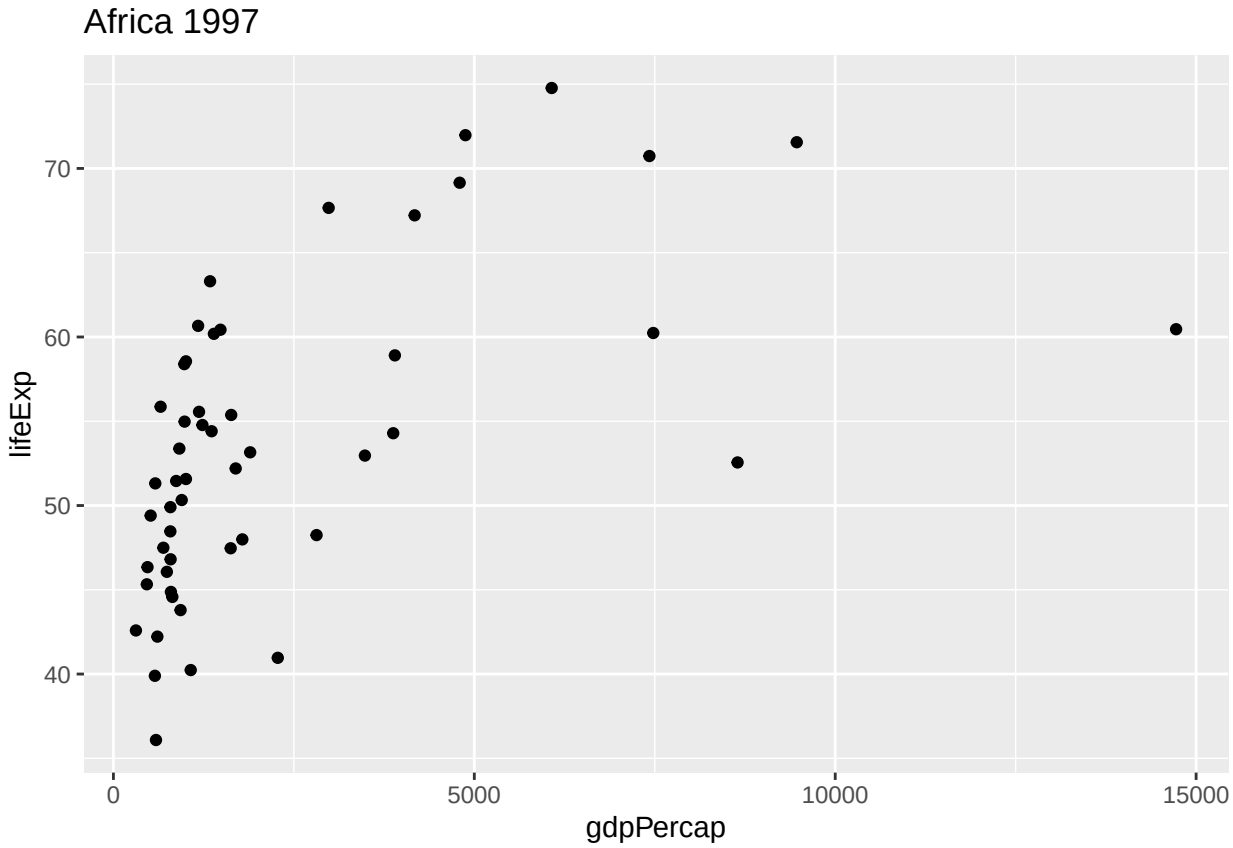

```
##
## [[32]]
```


Africa 1987
lifeExp
70
60
50
40
0
2500
5000
7500
10000
gdpPercap

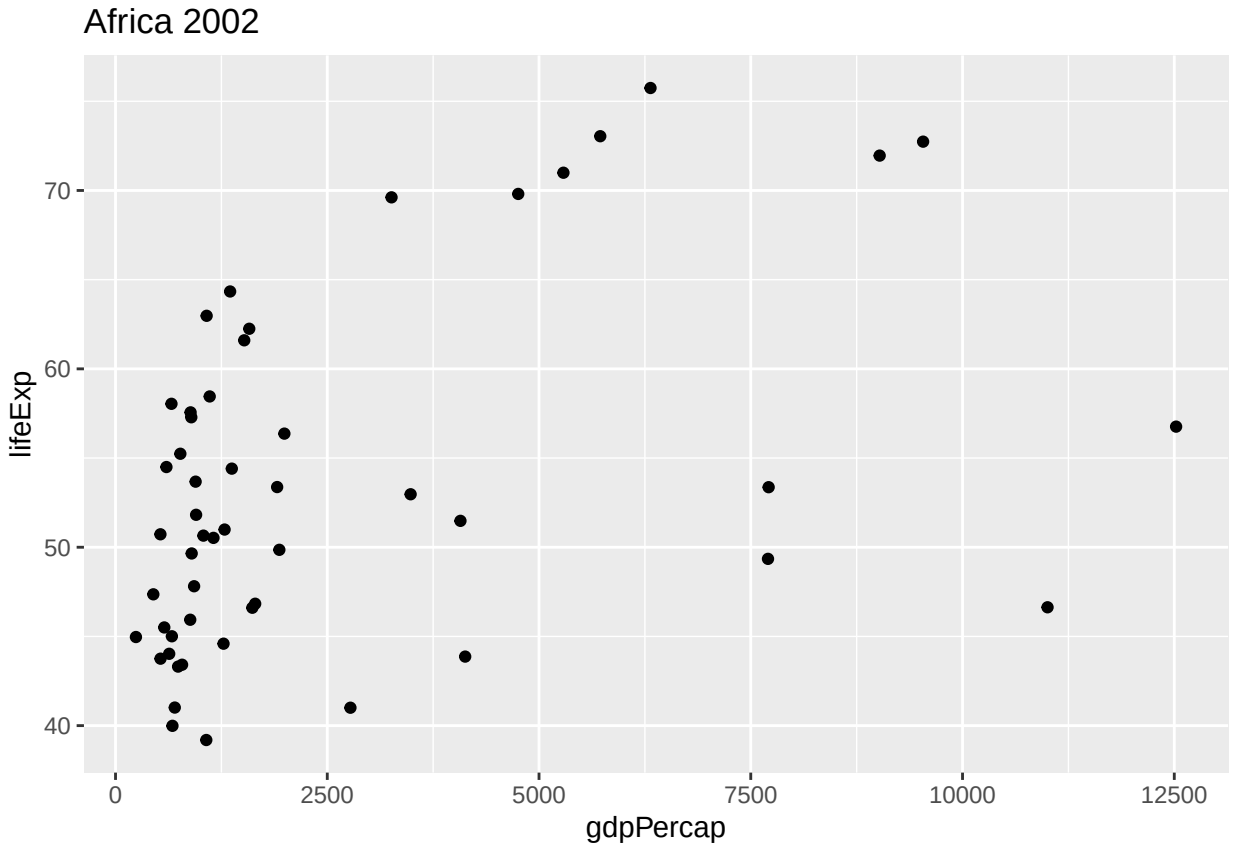
```
##
## [[33]]
```



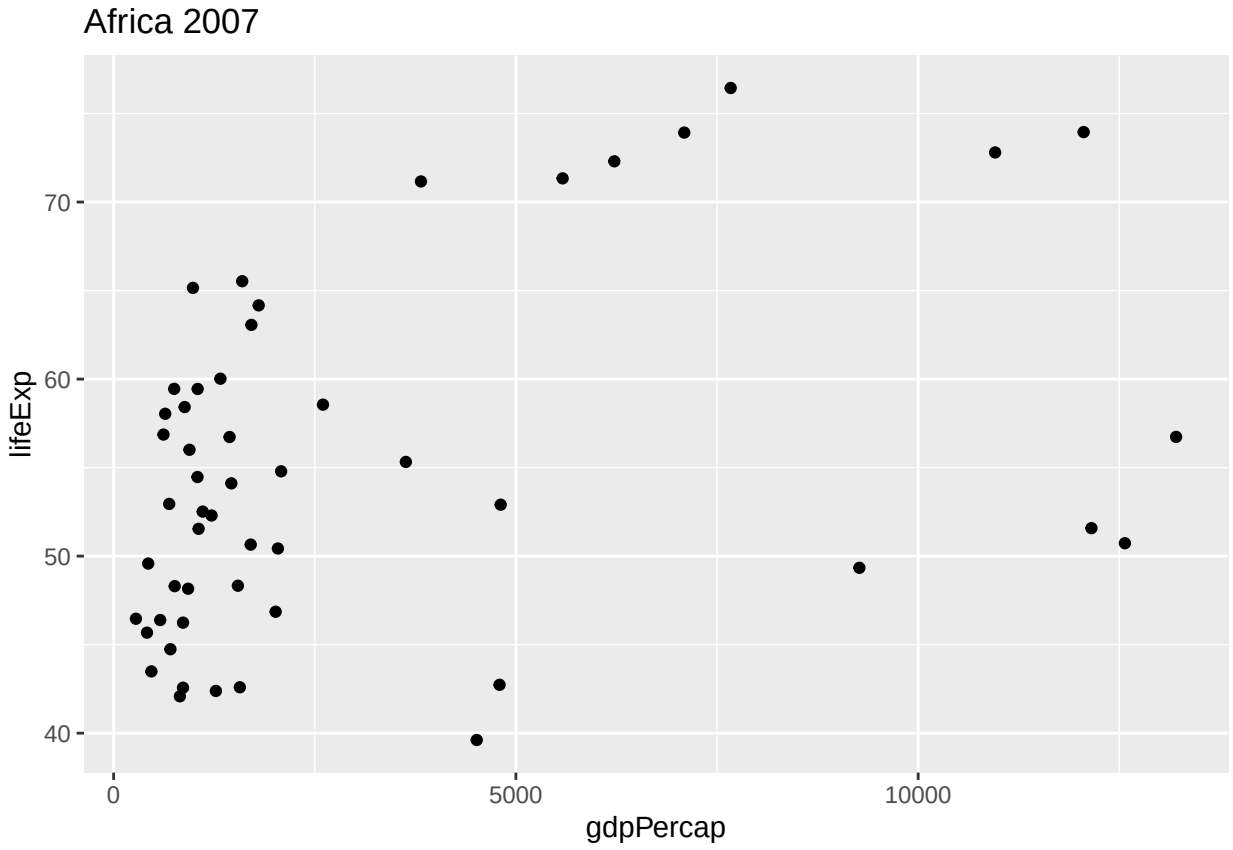

```
##
## [[34]]
```



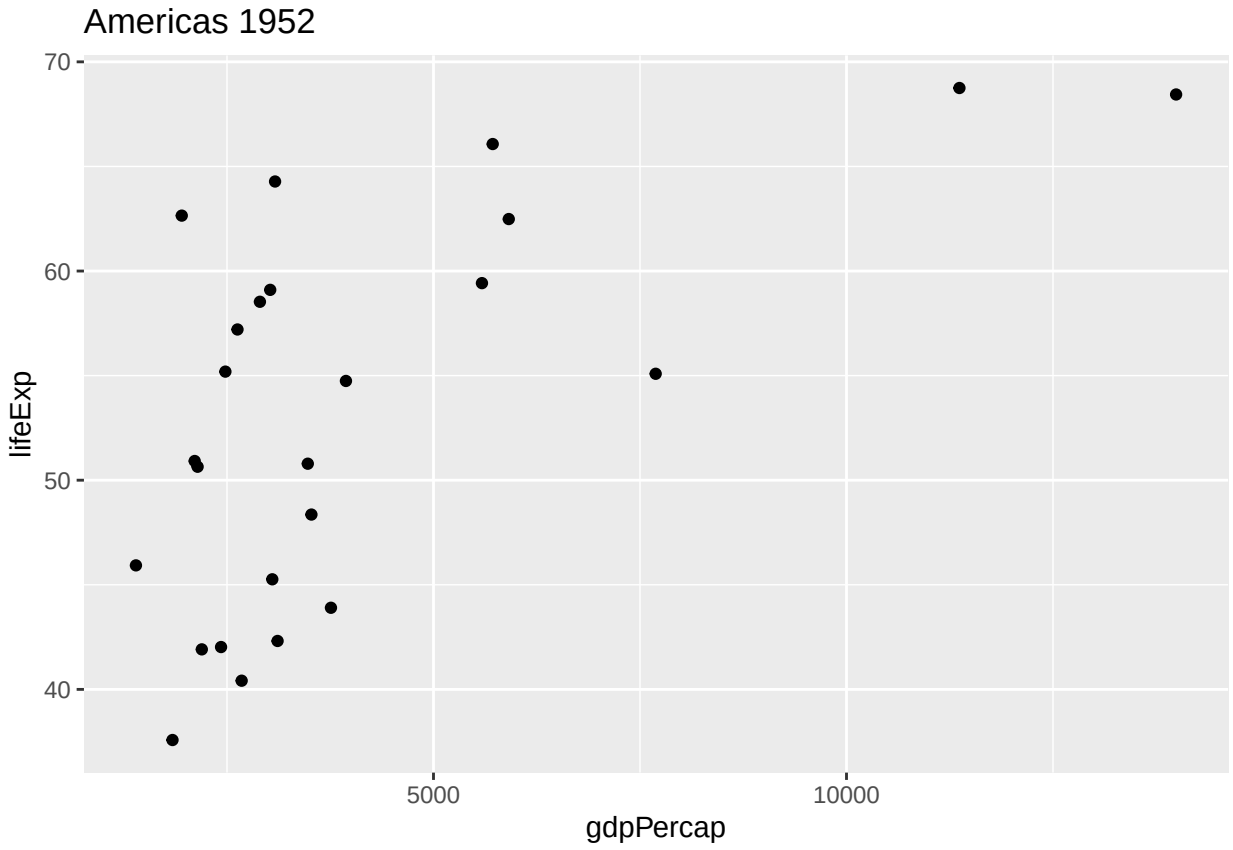

```
##
## [[35]]
```


Africa 2002
lifeExp
70
60
50
40
0
2500
5000
7500
10000
12500
gdpPercap

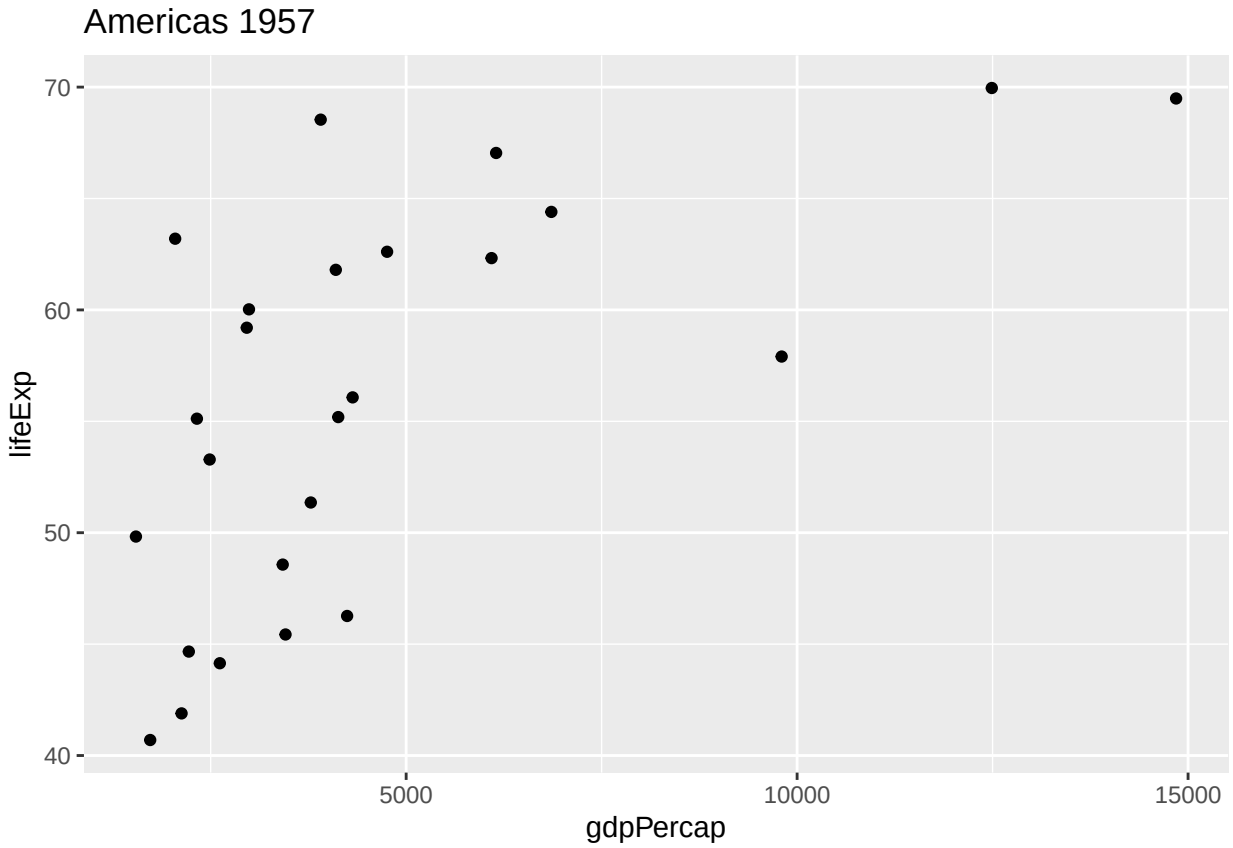
```
##
## [[36]]
```



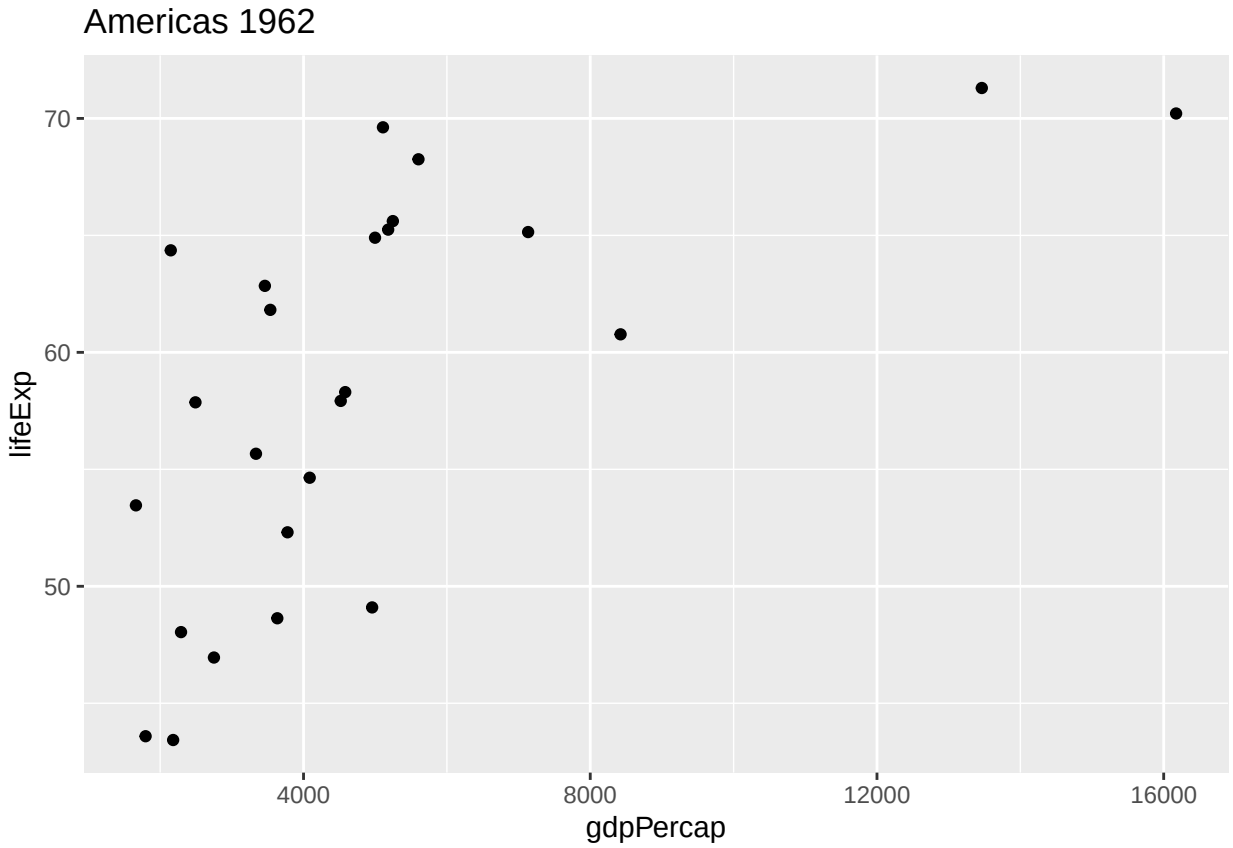

```
##
## [[37]]
```



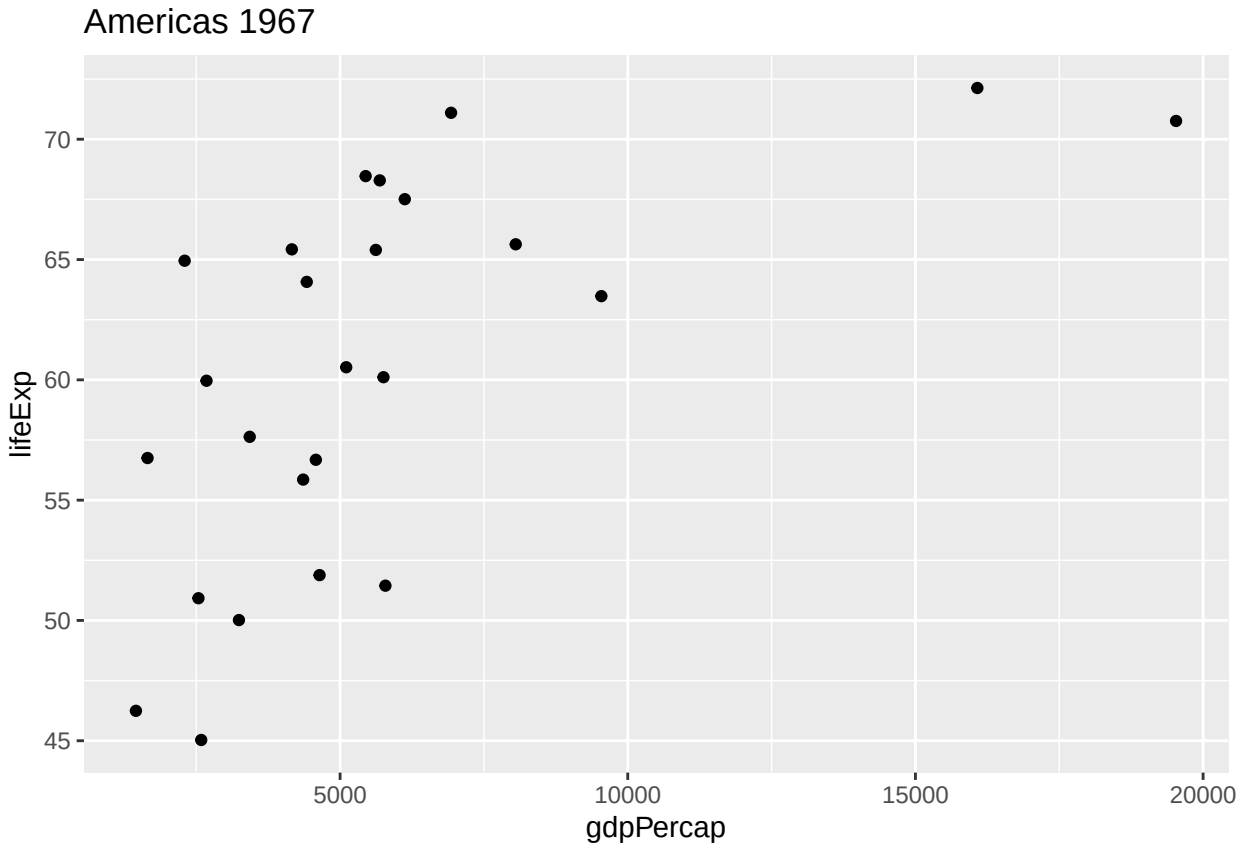

```
##
## [[38]]
```


Americas 1957
70
60
50
40
lifeExp
5000
10000
15000
gdpPercap

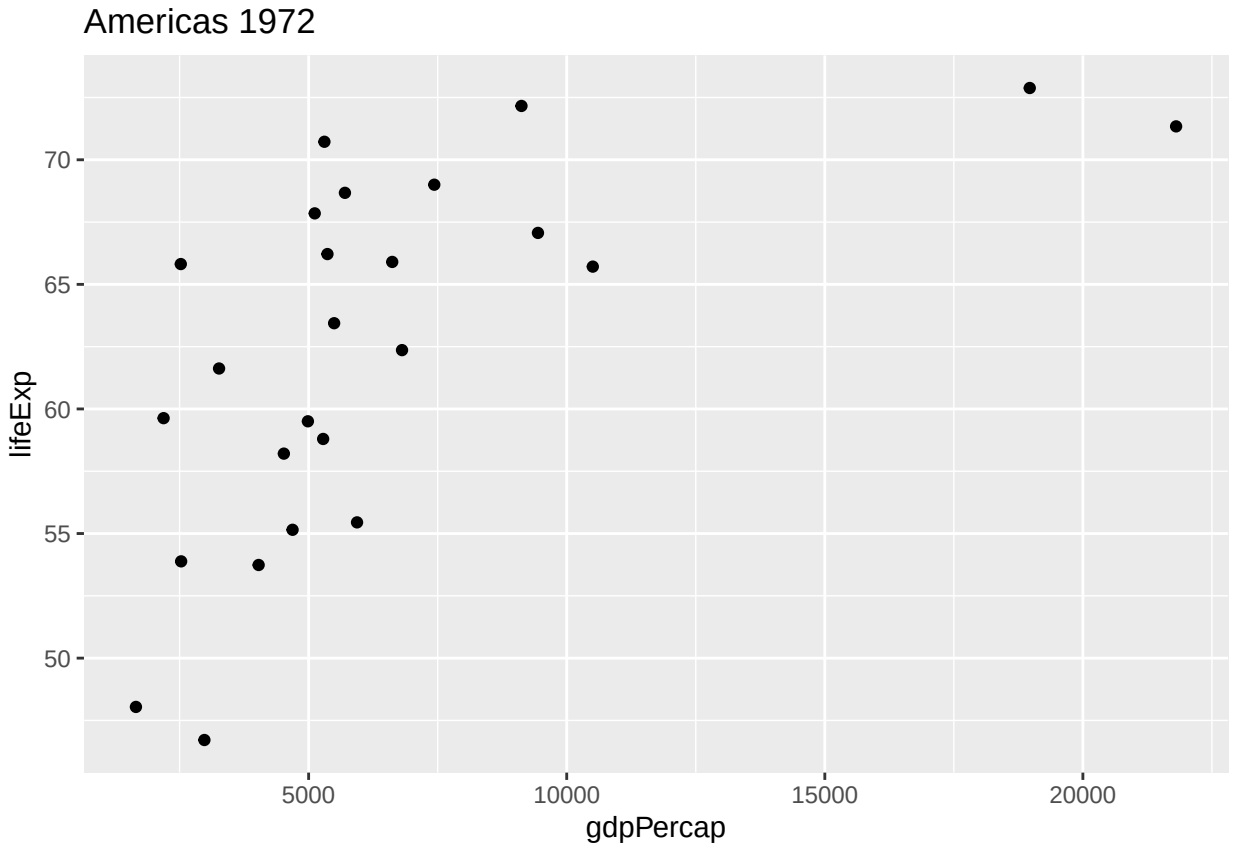
```
##
## [[39]]
```


Americas 1962
70
60
50
lifeExp
4000
8000
12000
16000
gdpPercap

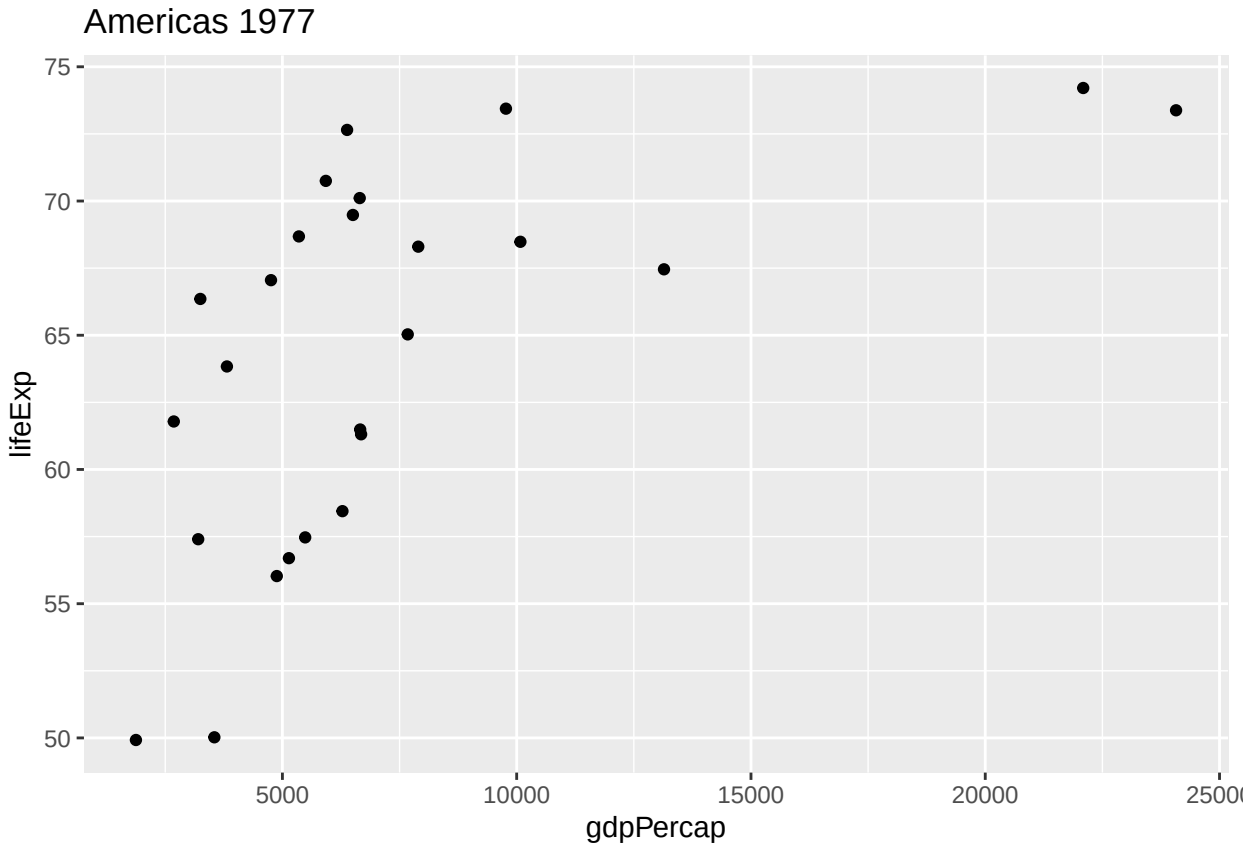
```
##
## [[40]]
```


Americas 1967
lifeExp
70
65
60
55
50
45
5000
10000
15000
20000
gdpPercap

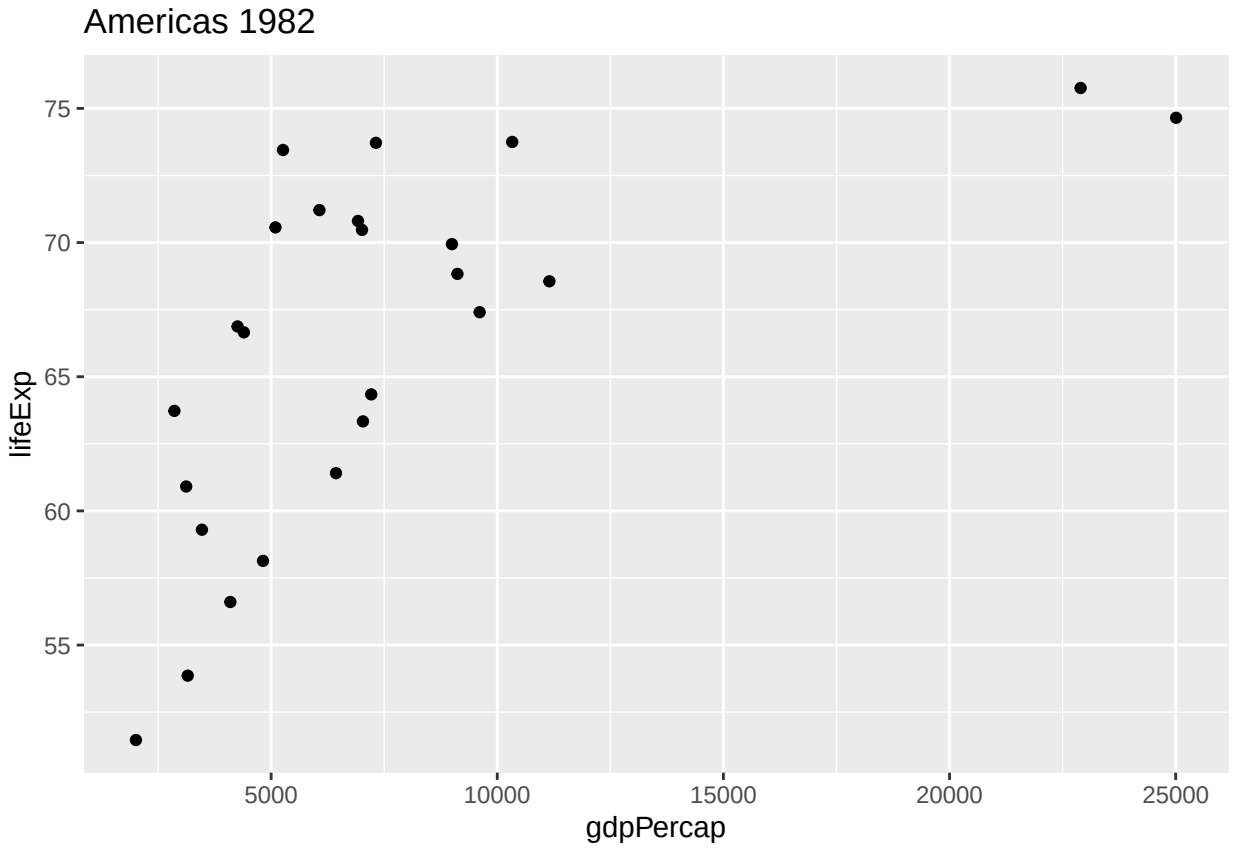
```
##
## [[41]]
```


Americas 1972
lifeExp
70
65
60
55
50
5000
10000
15000
20000
gdpPercap

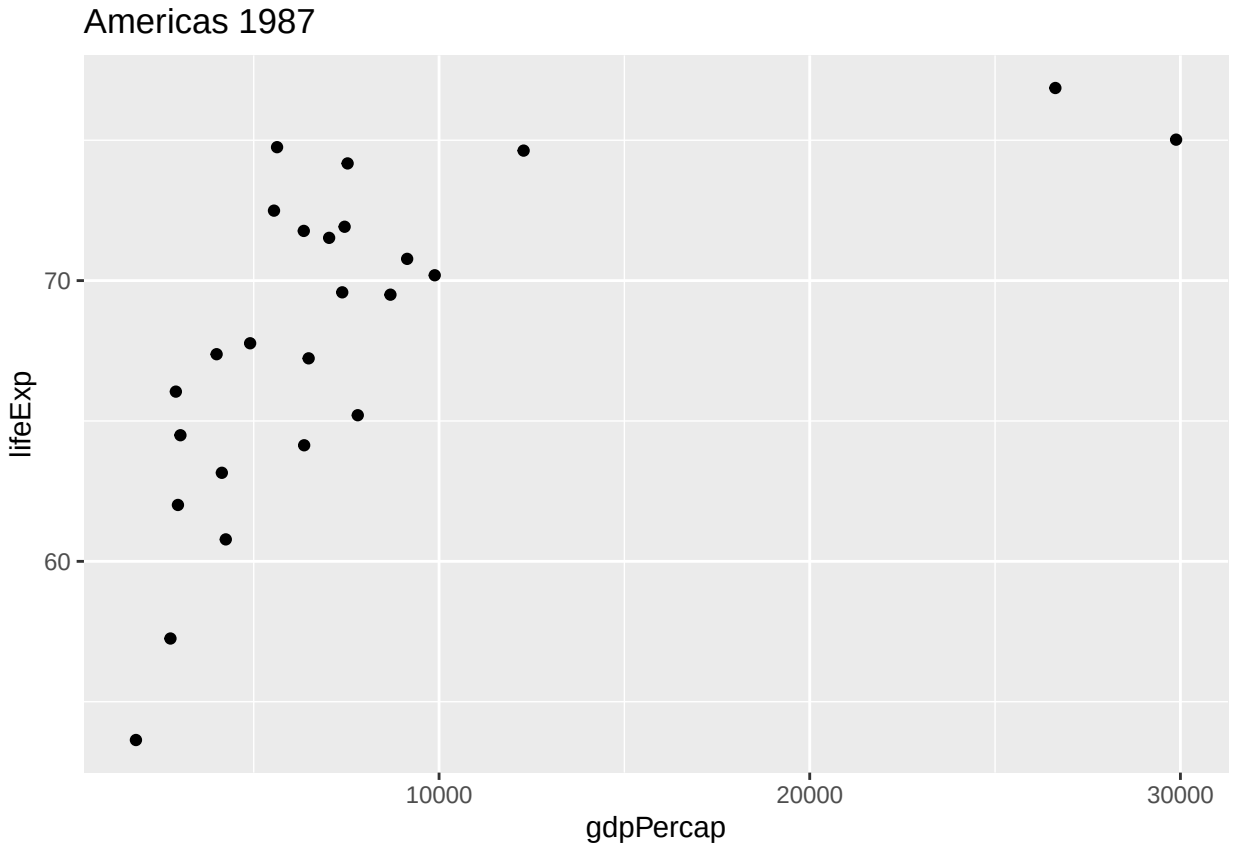
```
##
## [[42]]
```


Americas 1977
75
70
65
60
55
50
lifeExp
5000
10000
15000
20000
gdpPercap

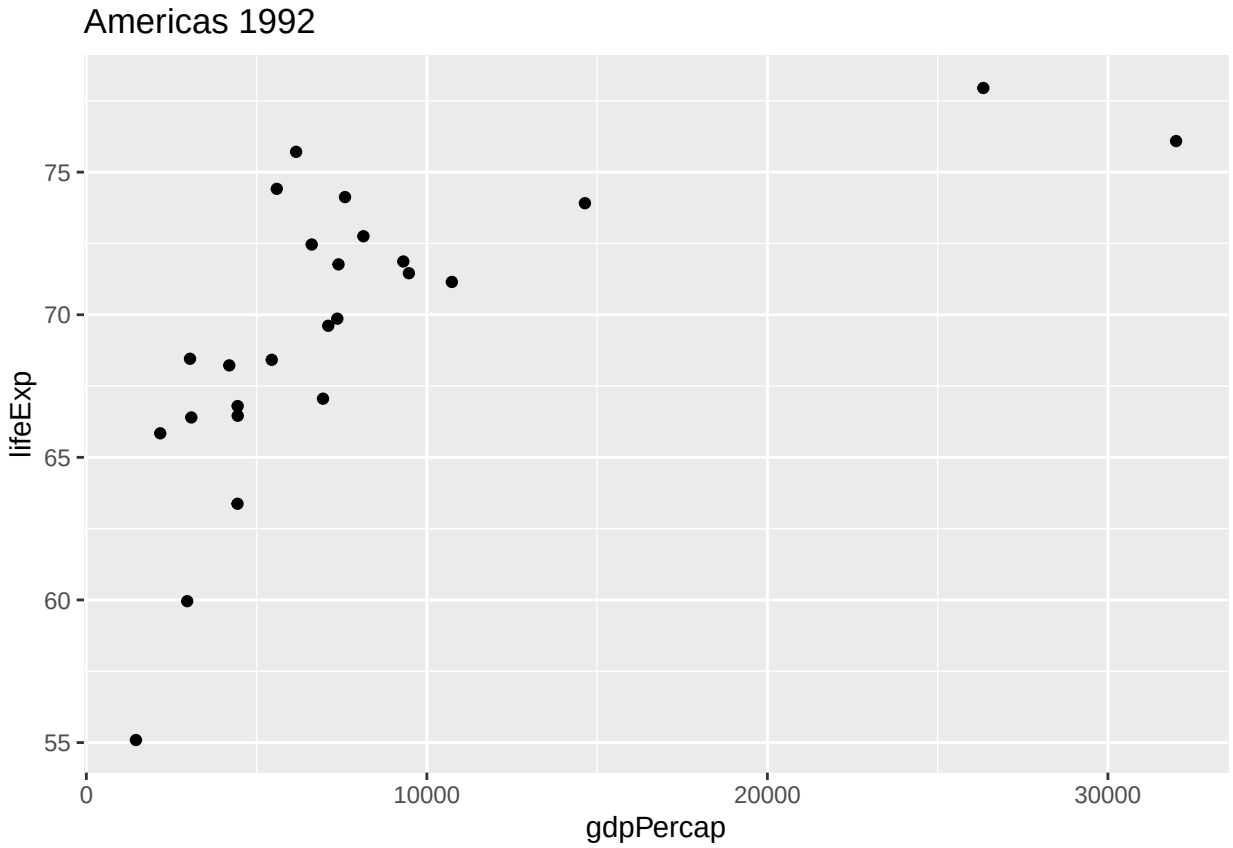
```
##
## [[43]]
```


Americas 1982
lifeExp
75
70
65
60
55
5000
10000
15000
20000
25000
gdpPercap

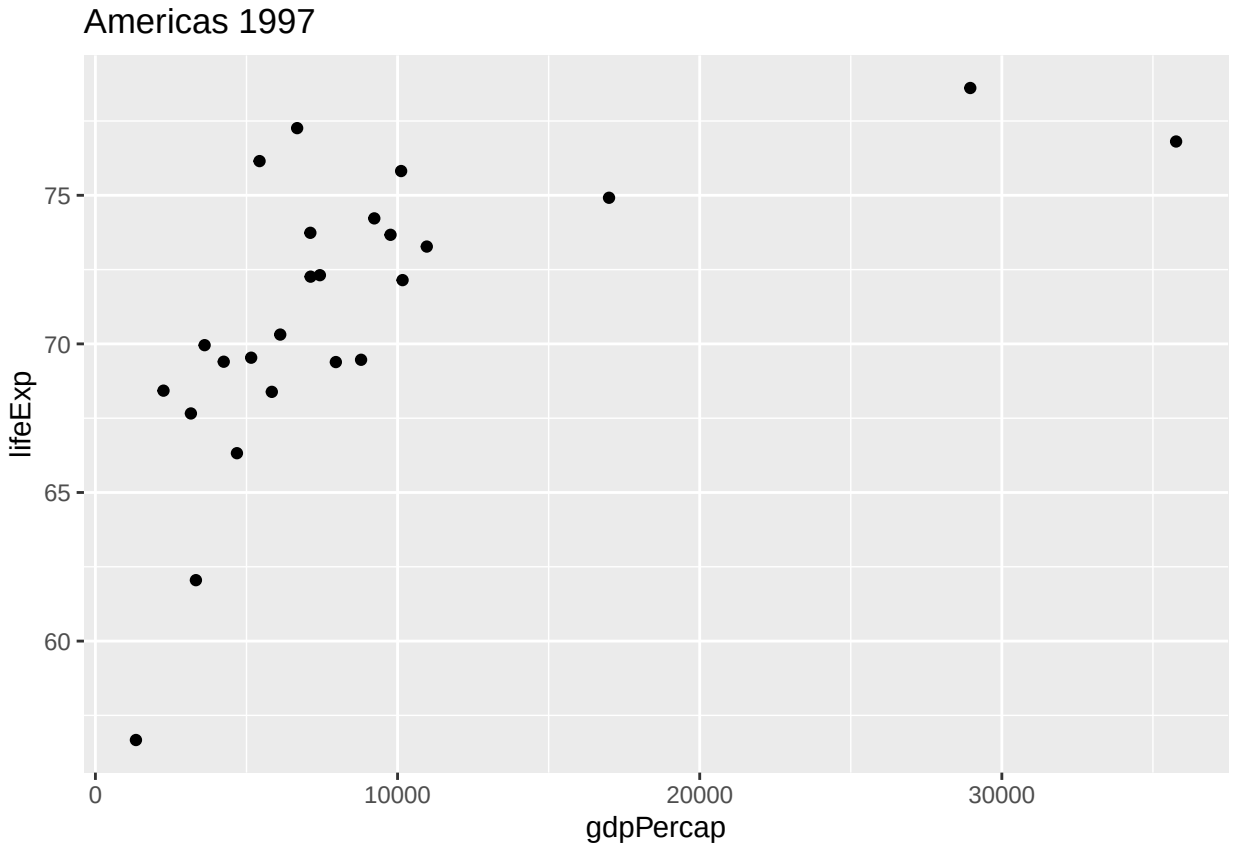
```
##
## [[44]]
```



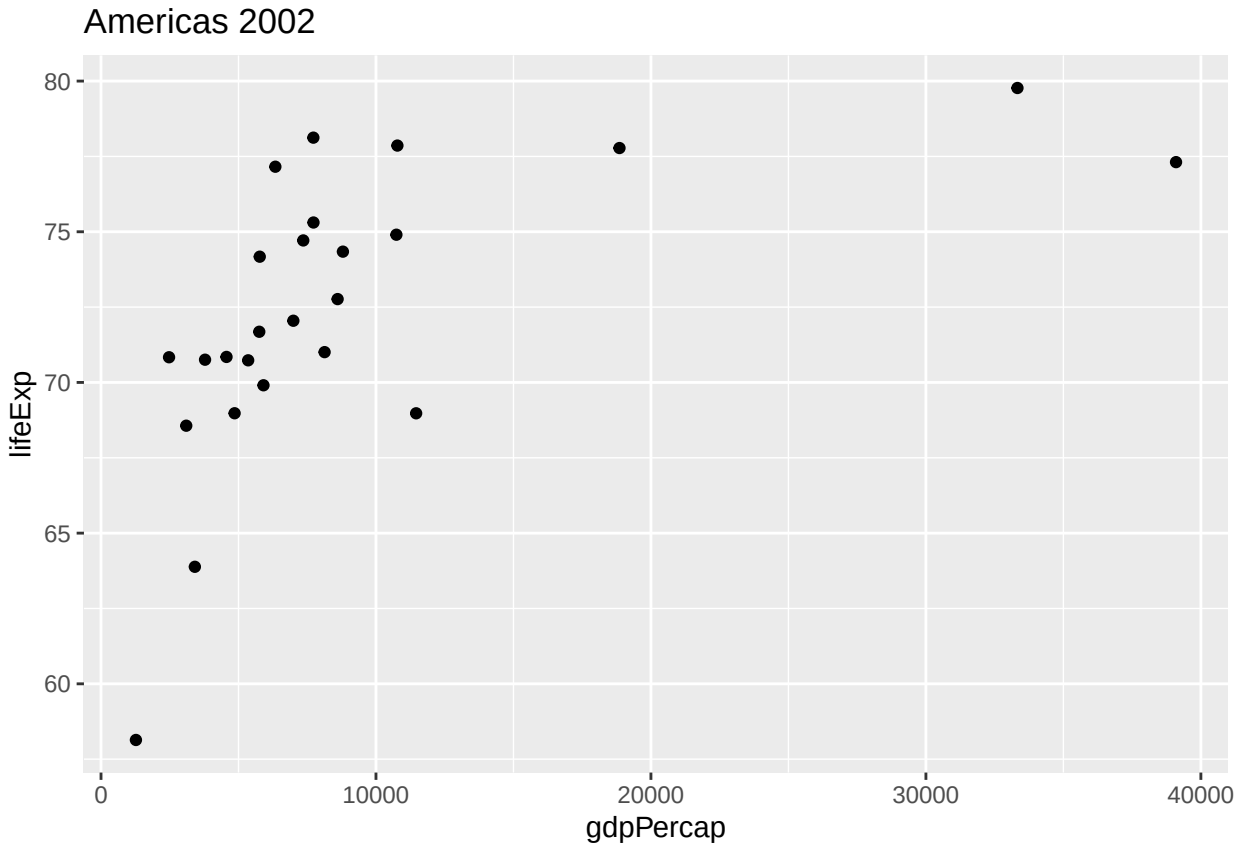

```
##
## [[45]]
```


Americas 1992
lifeExp
gdpPercap
75
70
65
60
55
0
10000
20000
30000

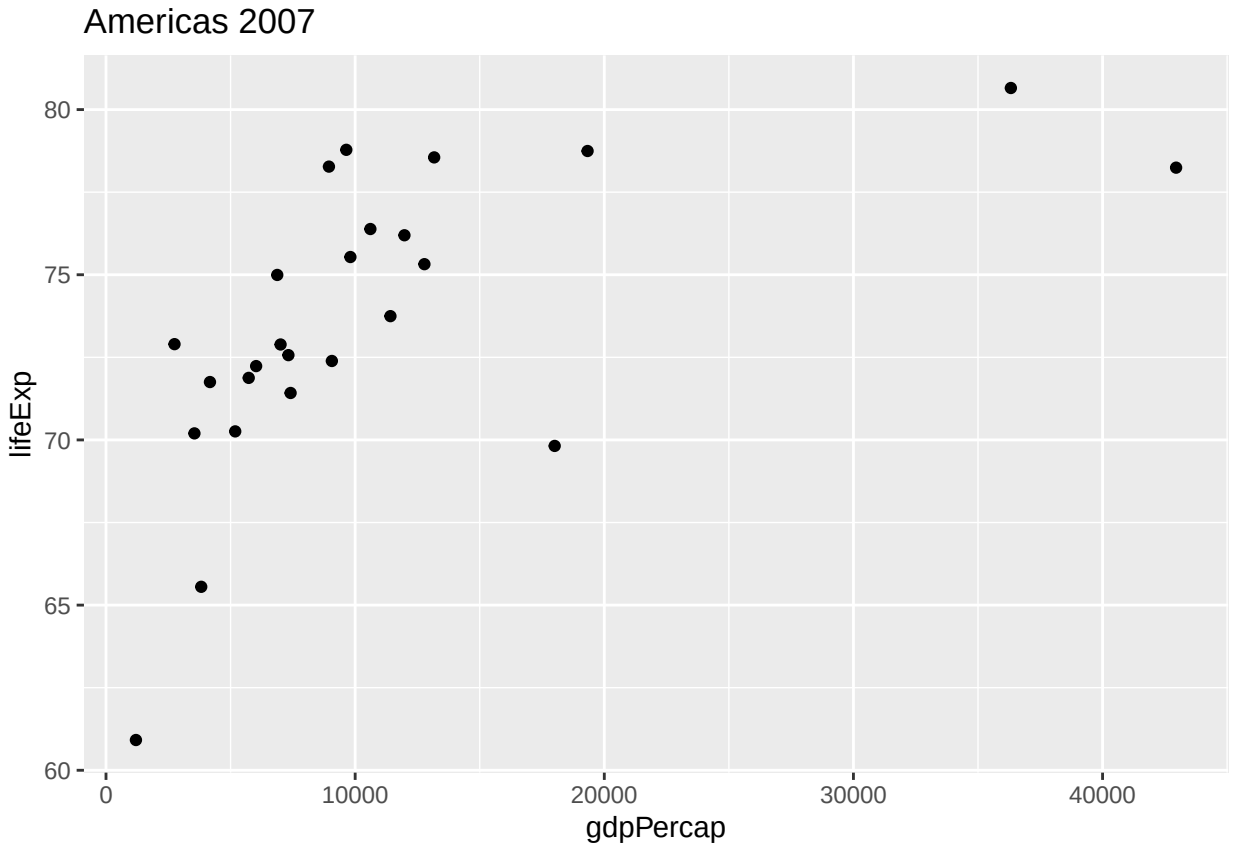
```
##
## [[46]]
```


Americas 1997
lifeExp
75
70
65
60
0
10000
20000
30000
gdpPercap

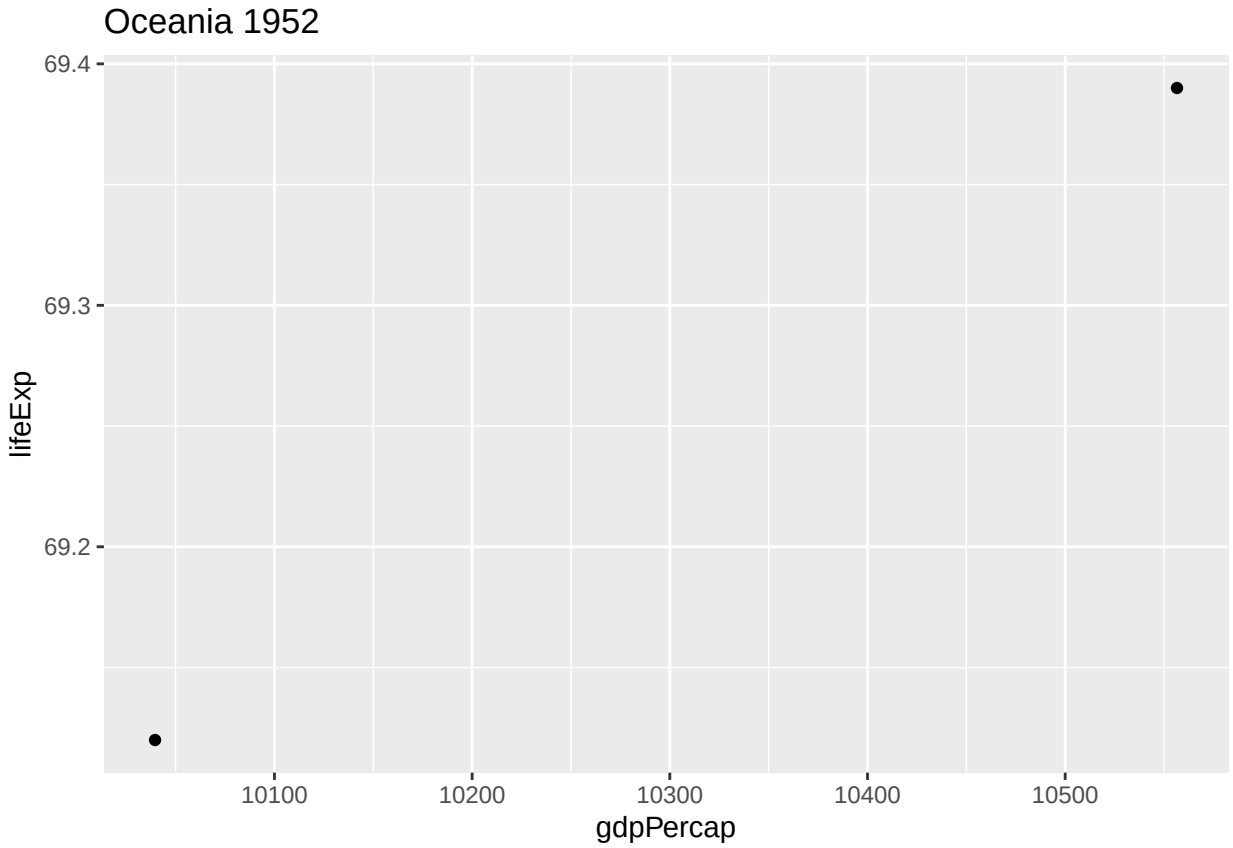
```
##
## [[47]]
```


Americas 2002
80
75
70
65
60
lifeExp
0
10000
20000
30000
40000
gdpPercap

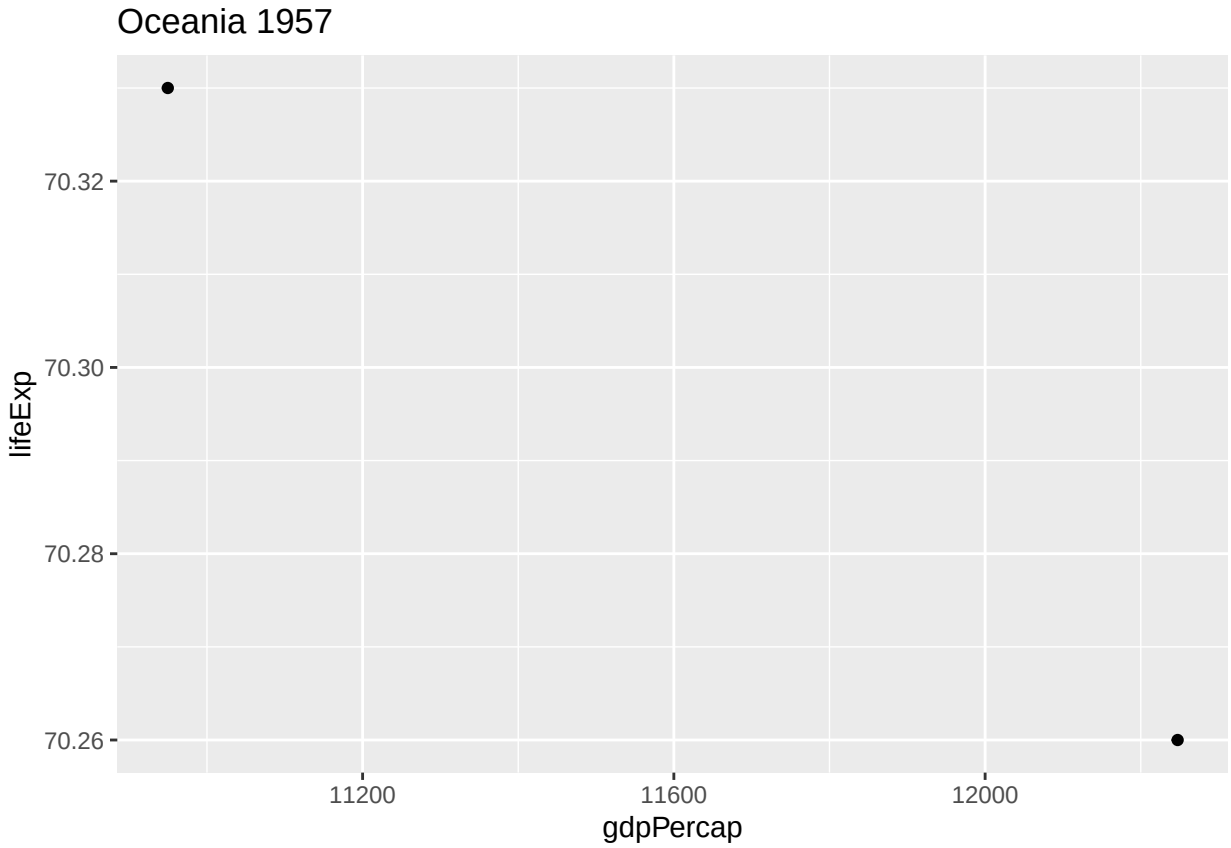
```
##
## [[48]]
```


Americas 2007
lifeExp
gdpPercap
80
75
70
65
60
0
10000
20000
30000
40000

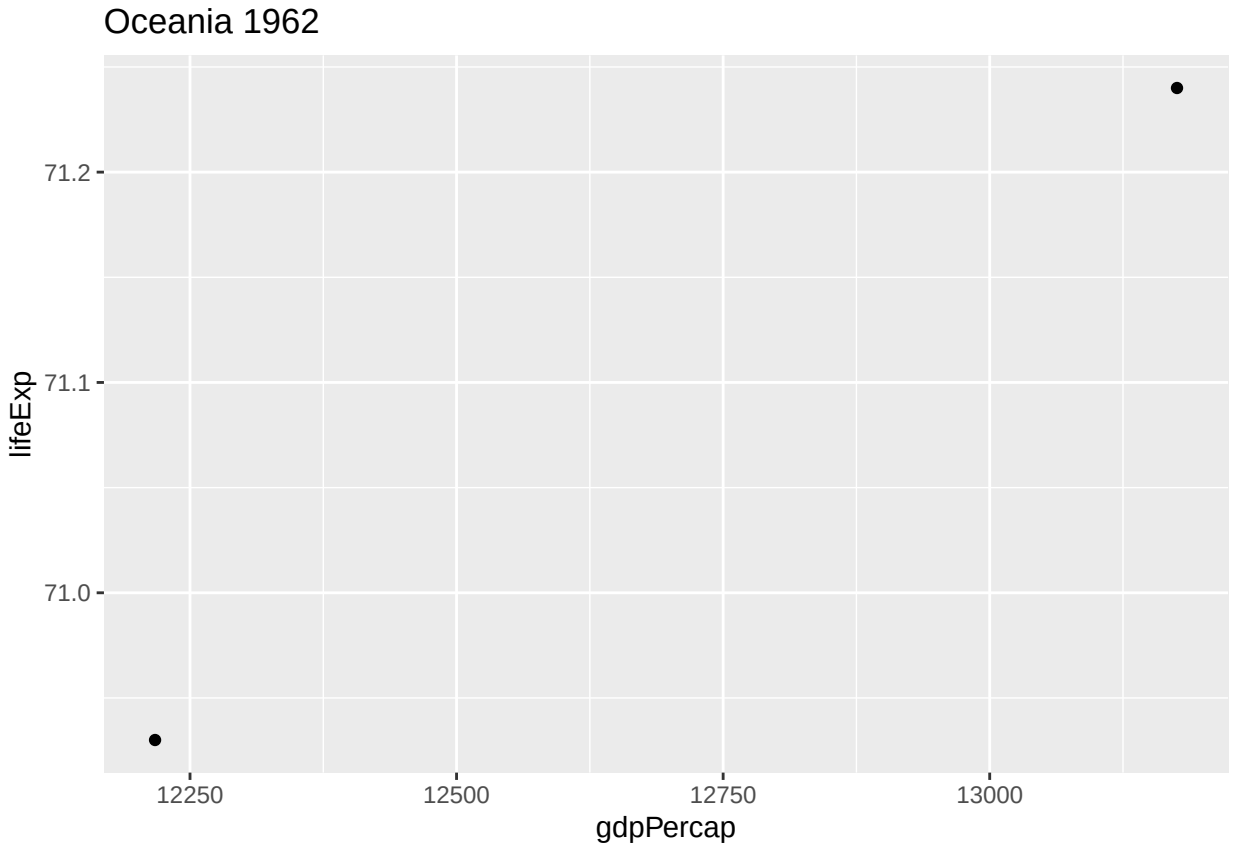
```
##
## [[49]]
```


Oceania 1952
69.4
69.3
69.2
lifeExp
10100
10200
10300
10400
10500
gdpPercap

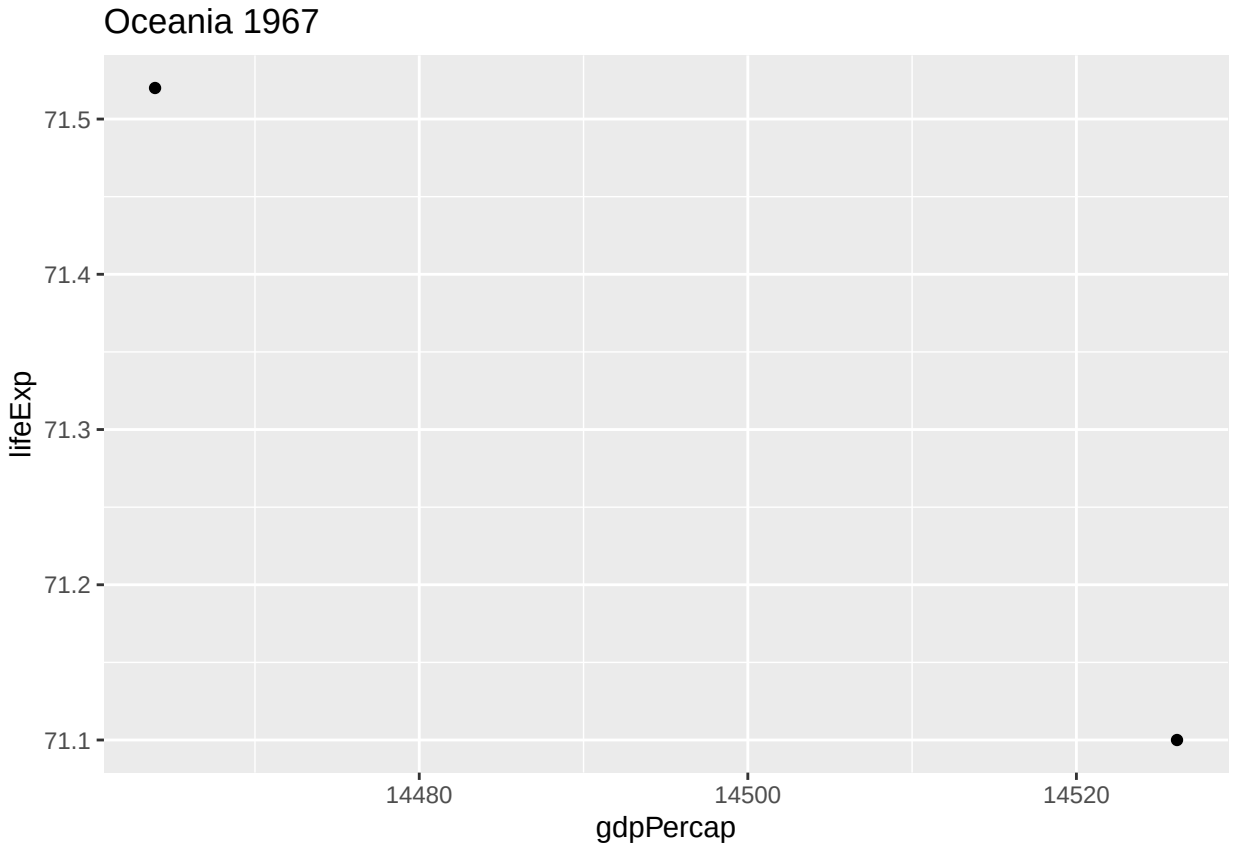
```
##
## [[50]]
```


Oceania 1957
70.32
70.30
70.28
70.26
lifeExp
11200
11600
12000
gdpPercap

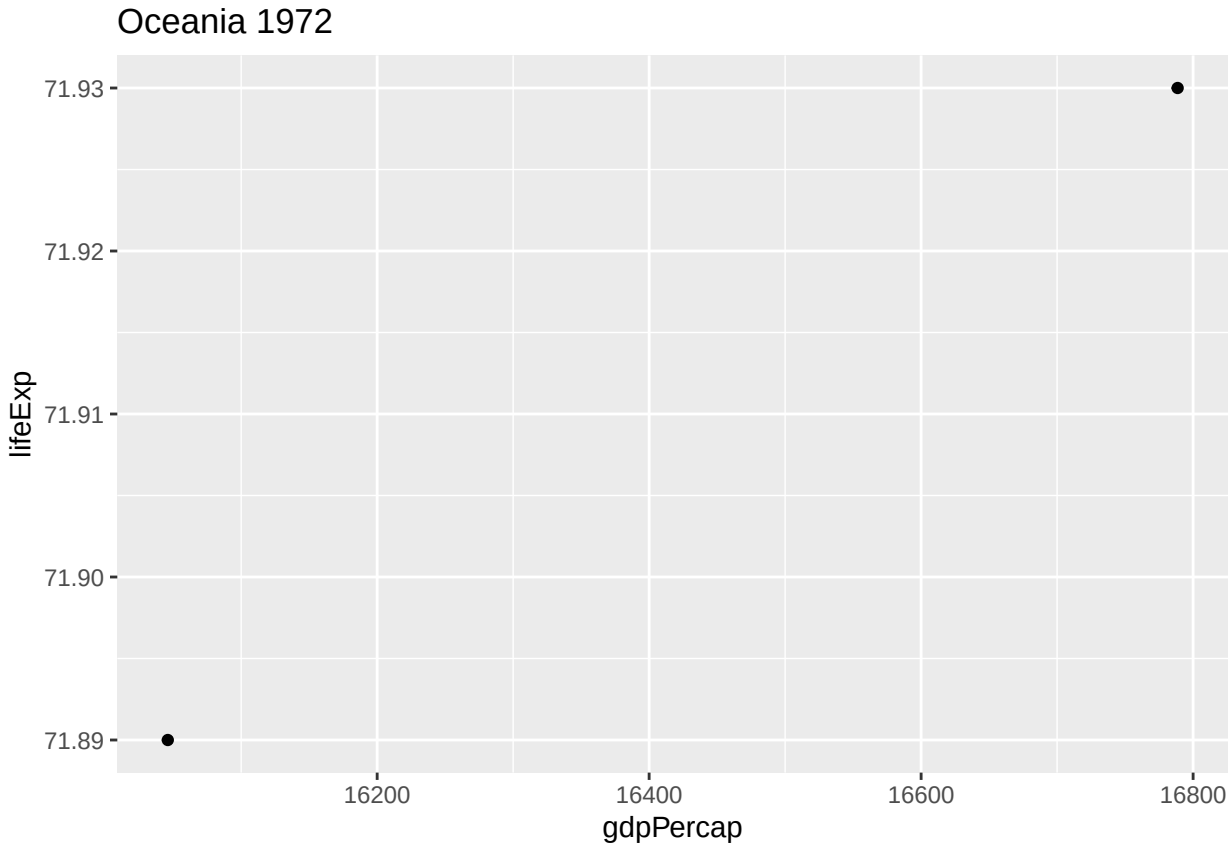
```
##
## [[51]]
```


Oceania 1962
71.2
71.1
71.0
lifeExp
12250
12500
12750
13000
gdpPercap

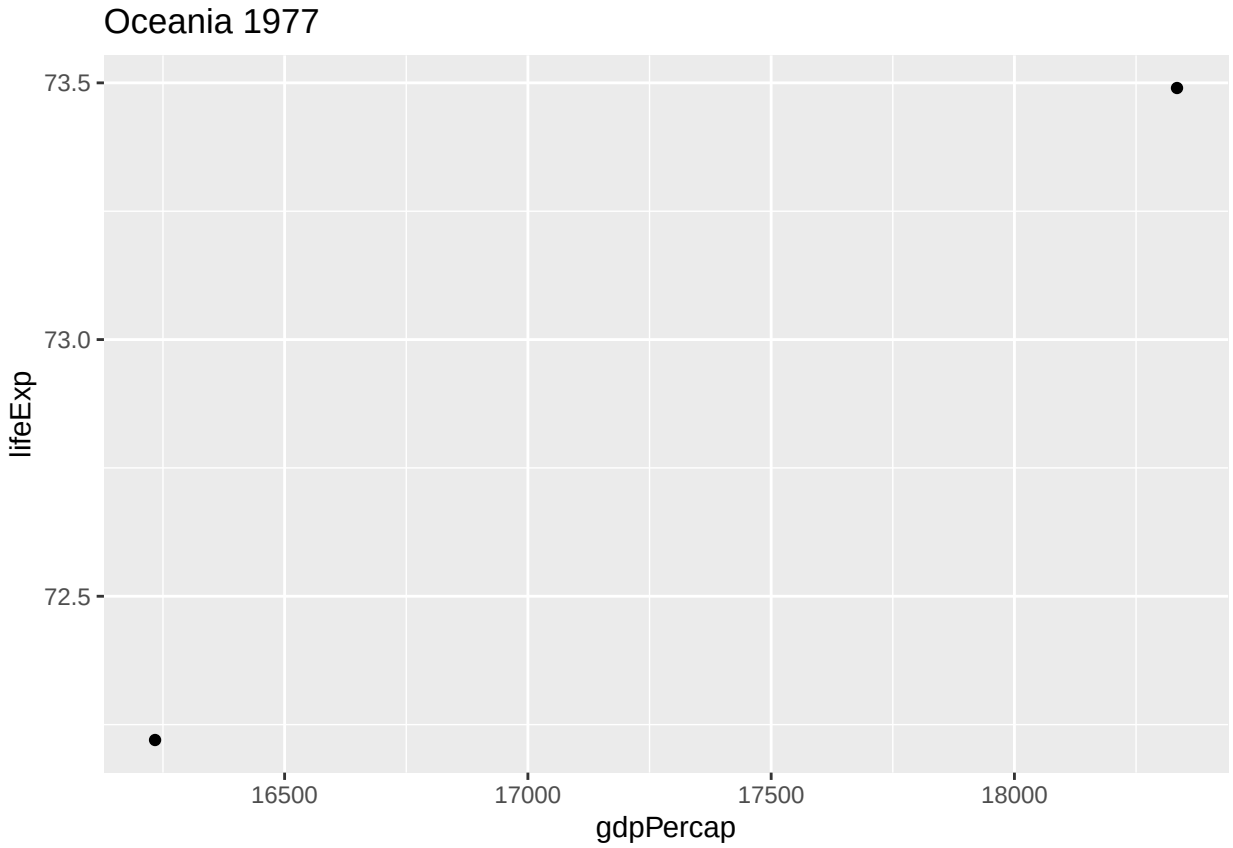
```
##
## [[52]]
```


Oceania 1967
71.5
71.4
71.3
71.2
71.1
lifeExp
14480
14500
14520
gdpPercap

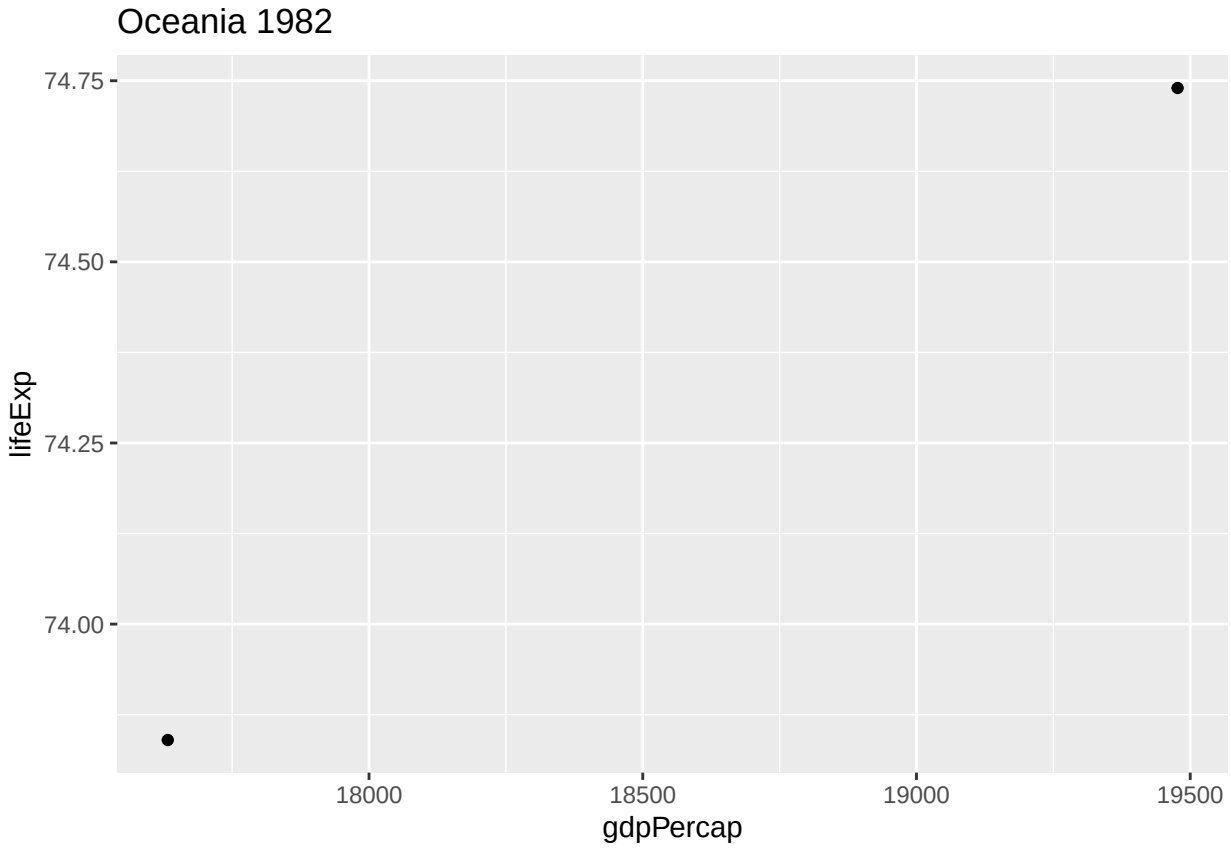
```
##
## [[53]]
```


Oceania 1972
71.93
71.92
71.91
71.90
71.89
lifeExp
16200
16400
16600
16800
gdpPercap

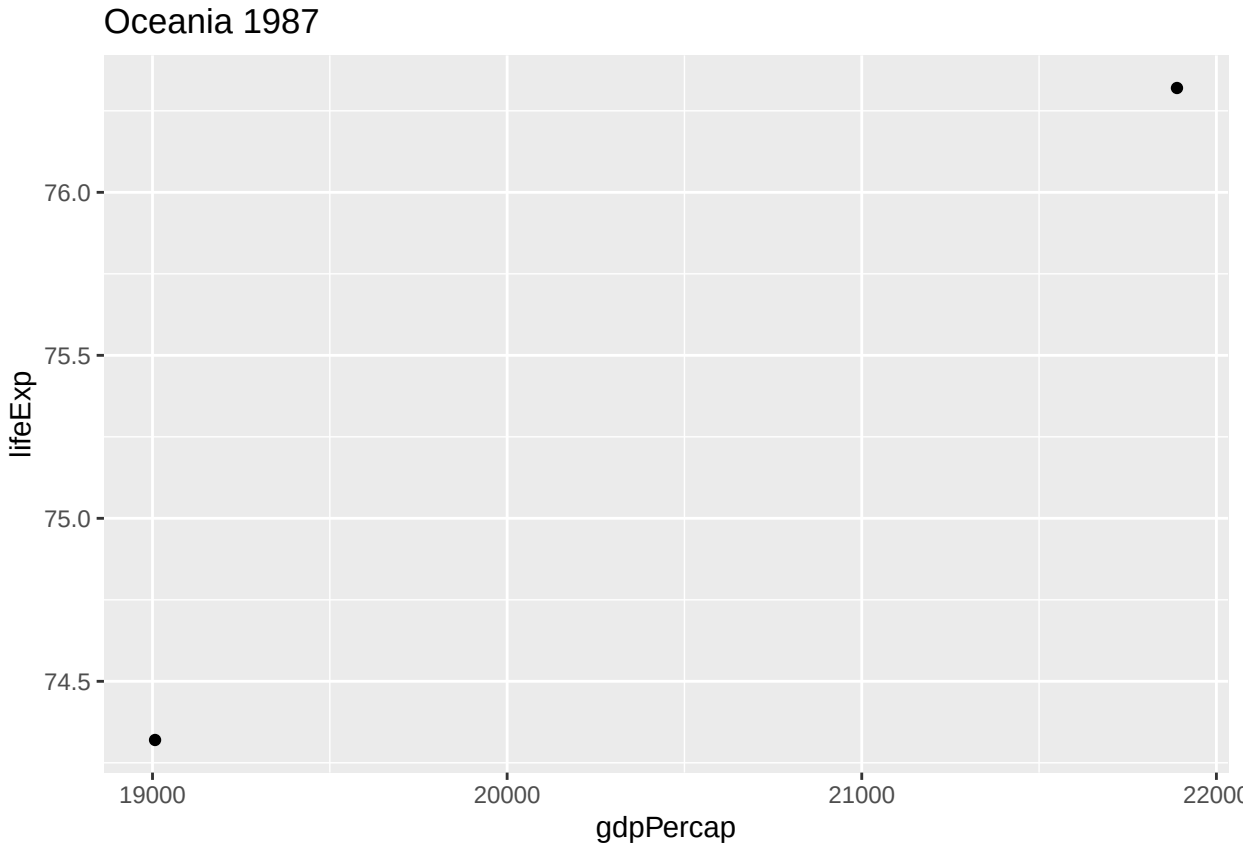
```
##
## [[54]]
```


Oceania 1977
73.5
73.0
72.5
lifeExp
16500
17000
17500
18000
gdpPercap

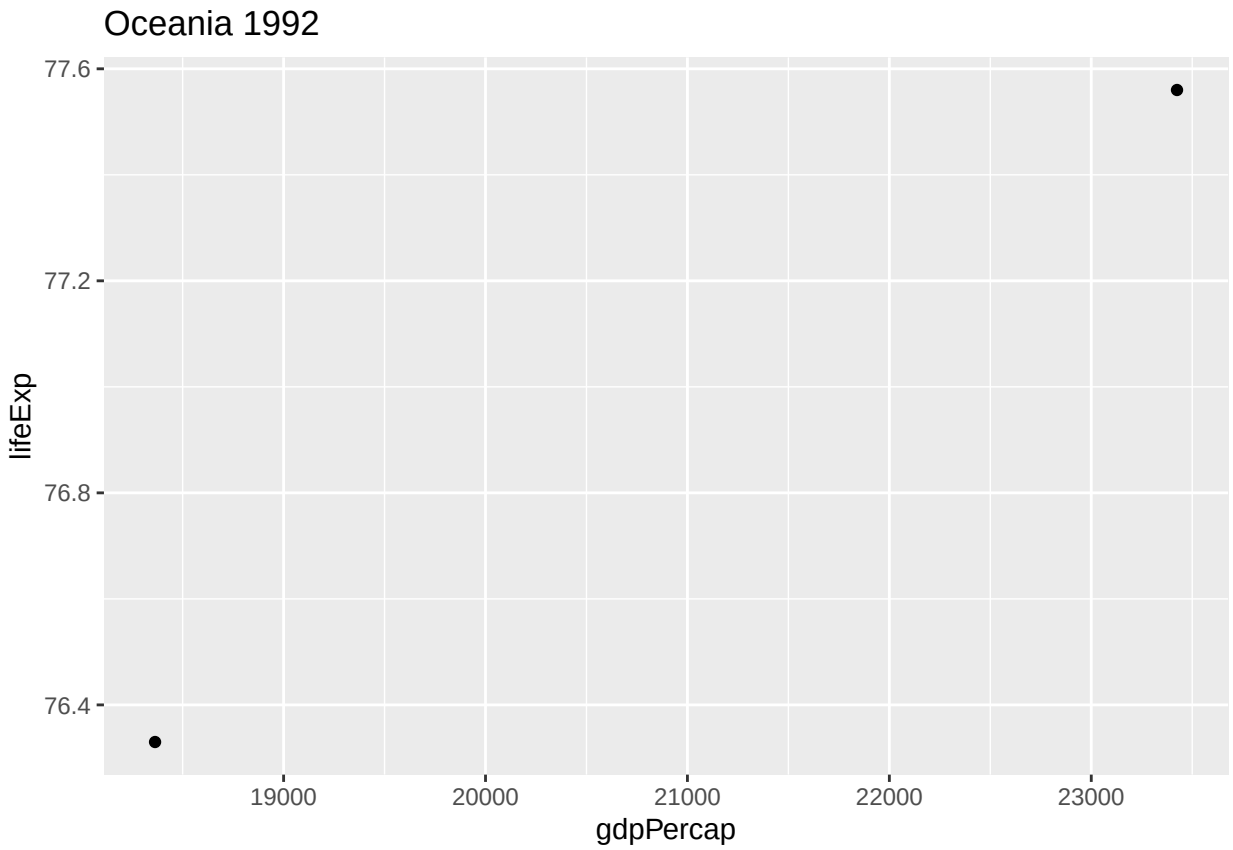
```
##
## [[55]]
```


Oceania 1982
74.75
74.50
74.25
74.00
lifeExp
18000
18500
19000
19500
gdpPercap

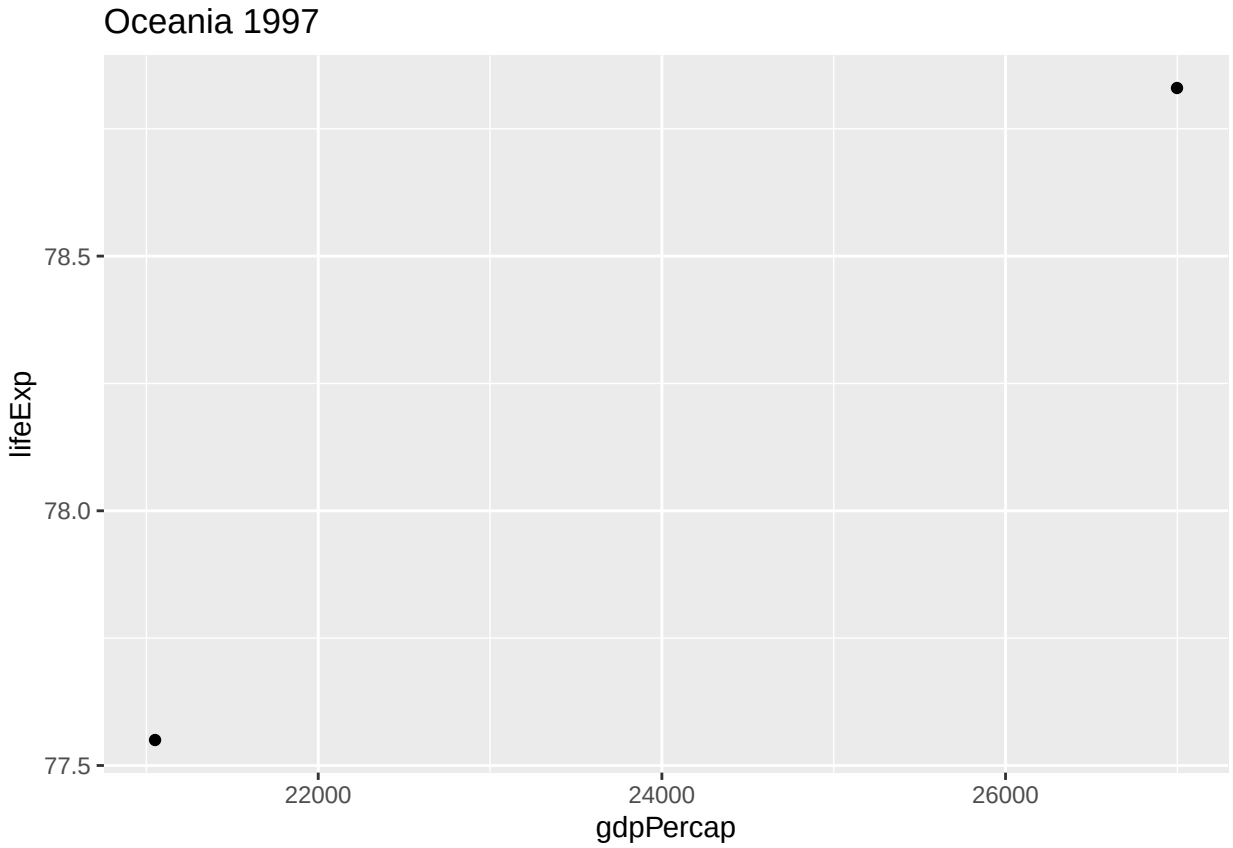
```
##
## [[56]]
```


Oceania 1987
76.0
75.5
75.0
74.5
lifeExp
19000
20000
21000
gdpPercap

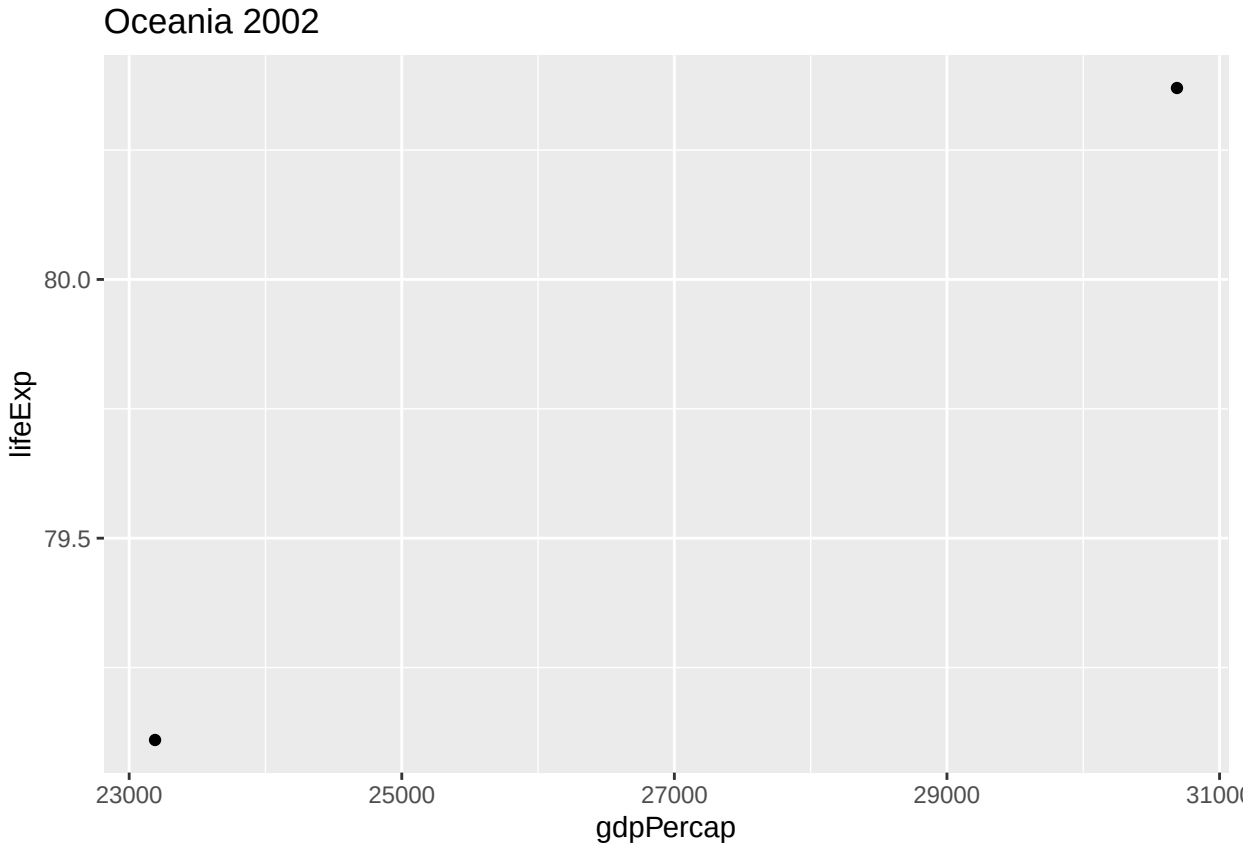
```
##
## [[57]]
```


Oceania 1992
77.6
77.2
76.8
76.4
lifeExp
19000
20000
21000
22000
23000
gdpPercap

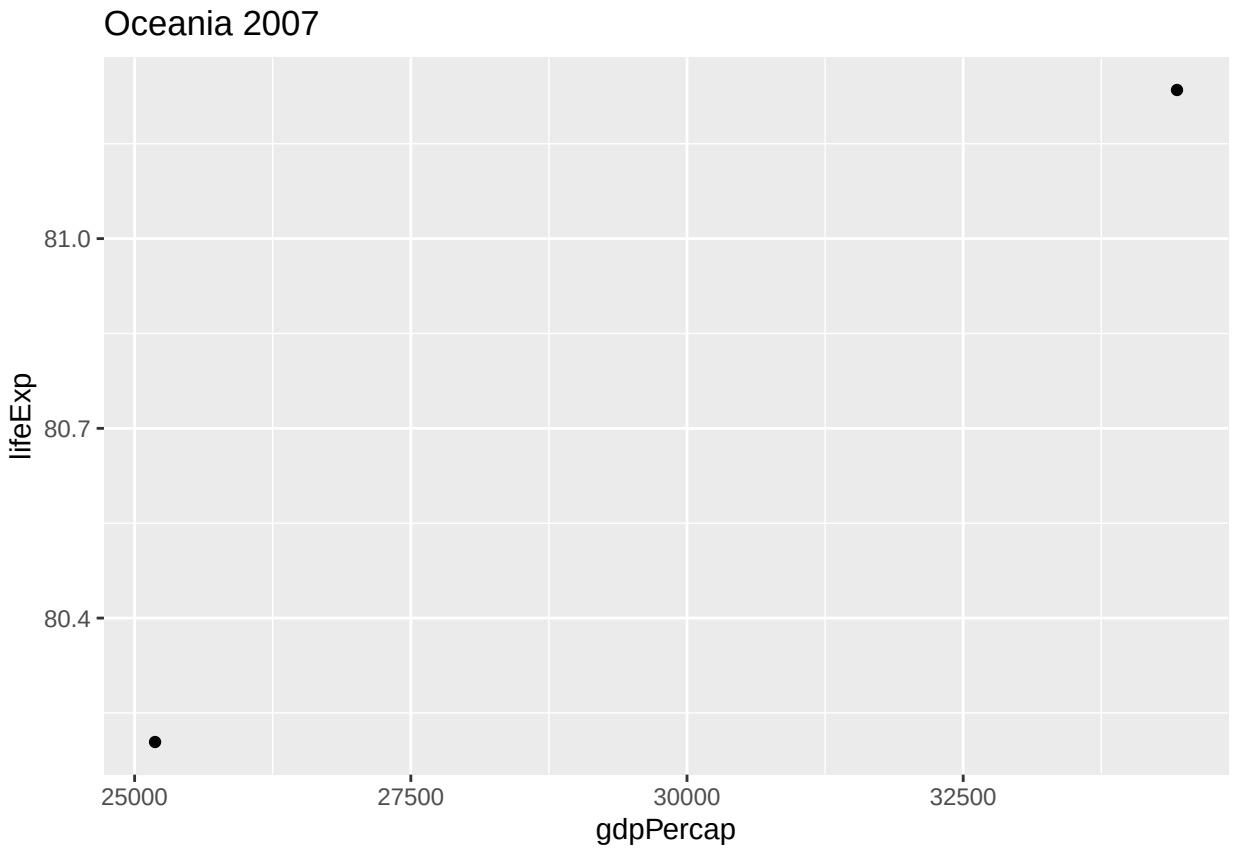
```
##
## [[58]]
```


Oceania 1997
lifeExp
78.5
78.0
77.5
22000
24000
26000
gdpPercap

```
##
## [[59]]
```


Oceania 2002
80.0
79.5
lifeExp
23000
25000
27000
29000
gdpPercap

```
##
## [[60]]
```




```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)
is_tibble(gapminder)
```

```
## [1] FALSE
```

```
df_nested <- gapminder %>%
  group_by(continent) %>%
  nest()

is_tibble(df_nested$data[1])
```

```
## [1] FALSE
```

```
str(df_nested$data[1])
```

```
## List of 1
##  $ : tibble [396 x 5] (S3: tbl_df/tbl/data.frame)
##   ..$ country  : Factor w/ 142 levels "Afghanistan",..: 1 1 1 1 1 1 1 1 1 1 ...
##   ..$ year     : int [1:396] 1952 1957 1962 1967 1972 1977 1982 1987 1992 1997 ...
##   ..$ pop      : num [1:396] 8425333 9240934 10267083 11537966 13079460 ...
##   ..$ lifeExp  : num [1:396] 28.8 30.3 32 34 36.1 ...
##   ..$ gdpPercap: num [1:396] 779 821 853 836 740 ...
```

```
# get the nested tibble easily
df_nested %>%
  pluck("data", 5)
```

```
## # A tibble: 24 x 5
##    country    year      pop lifeExp gdpPercap
```

```
##    <fct>     <int>    <dbl>   <dbl>     <dbl>
##  1 Australia  1952  8691212    69.1    10040.
##  2 Australia  1957  9712569    70.3    10950.
##  3 Australia  1962 10794968    70.9    12217.
##  4 Australia  1967 11872264    71.1    14526.
##  5 Australia  1972 13177000    71.9    16789.
##  6 Australia  1977 14074100    73.5    18334.
##  7 Australia  1982 15184200    74.7    19477.
##  8 Australia  1987 16257249    76.3    21889.
##  9 Australia  1992 17481977    77.6    23425.
## 10 Australia  1997 18565243    78.8    26998.
## # ... with 14 more rows
```

```
# fit a separate linear regression model to each continent

df_models <- df_nested %>%
  mutate(lm_model = map(data, ~ lm(lifeExp ~ pop + gdpPercap + year, data=.)))

df_models %>%
  pluck("lm_model", 1)
```

```
##
## Call:
## lm(formula = lifeExp ~ pop + gdpPercap + year, data = .)
##
## Coefficients:
## (Intercept)          pop    gdpPercap         year
##  -7.833e+02    4.228e-11    2.510e-04    4.251e-01
```

```
# now predict on for each tibble (i.e each training data)

df_predict <- df_models %>%
  mutate(predict = map2(lm_model, data, ~ predict(.x, .y)))

# caclulate corresponding MSEs

df_predict %>%
  mutate (mse = map2_dbl(predict, data, ~  mean((.x - .y$lifeExp)^2)))
```

```
## # A tibble: 5 x 5
## # Groups:   continent [5]
##   continent data              lm_model predict        mse
##   <fct>     <list>            <list>   <list>       <dbl>
## 1 Asia      <tibble [396 x 5]> <lm>     <dbl [396]> 67.1
## 2 Europe    <tibble [360 x 5]> <lm>     <dbl [360]>  8.97
## 3 Africa    <tibble [624 x 5]> <lm>     <dbl [624]> 48.8
## 4 Americas  <tibble [300 x 5]> <lm>     <dbl [300]> 34.3
## 5 Oceania   <tibble [24 x 5]>  <lm>     <dbl [24]>   0.368
```

```
#fit a separate linear model for each continent without splitting up the data
helper <- function(df, con){
  model <- lm(lifeExp ~ pop + gdpPercap + year, data=df)
  s <- summary(model)
  print(s)
  cbind(tibble(continent = con),
        as_tibble(s$coefficients, rownames="term")) %>%
```

```
    rename("Std.Error" = "Std. Error", "statistics" = "t value", "pValue" = "Pr(>|t|)")
}

nested <- gapminder %>% group_by(continent) %>% nest()

df_list <- map2(nested$data, nested$continent, ~helper(.x, .y))
```

```
##
## Call:
## lm(formula = lifeExp ~ pop + gdpPercap + year, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -26.1852  -5.2575   0.4857   5.0062  17.9753
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) -7.833e+02  4.829e+01 -16.221  < 2e-16 ***
## pop          4.228e-11  2.039e-09   0.021    0.983
## gdpPercap    2.510e-04  3.011e-05   8.336 1.31e-15 ***
## year         4.251e-01  2.442e-02  17.404  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 8.232 on 392 degrees of freedom
## Multiple R-squared:  0.5222, Adjusted R-squared:  0.5186
## F-statistic: 142.8 on 3 and 392 DF,  p-value: < 2.2e-16
##
##
## Call:
## lm(formula = lifeExp ~ pop + gdpPercap + year, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -21.0315  -0.9954   0.3812   1.6777   5.9680
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) -1.613e+02  2.277e+01  -7.086 7.44e-12 ***
## pop         -8.185e-09  7.798e-09  -1.050    0.295
## gdpPercap    3.255e-04  2.148e-05  15.154  < 2e-16 ***
## year         1.155e-01  1.160e-02   9.961  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 3.013 on 356 degrees of freedom
## Multiple R-squared:  0.6951, Adjusted R-squared:  0.6926
## F-statistic: 270.6 on 3 and 356 DF,  p-value: < 2.2e-16
##
##
## Call:
## lm(formula = lifeExp ~ pop + gdpPercap + year, data = df)
##
## Residuals:
```

```
##      Min       1Q   Median       3Q      Max
## -26.9053  -4.8255  -0.2523   4.2037  17.5681
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) -4.703e+02  3.386e+01 -13.891   <2e-16 ***
## pop         -3.681e-09  1.888e-08  -0.195    0.845
## gdpPercap    1.121e-03  1.008e-04  11.124   <2e-16 ***
## year         2.610e-01  1.715e-02  15.223   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 7.009 on 620 degrees of freedom
## Multiple R-squared:  0.4161, Adjusted R-squared:  0.4133
## F-statistic: 147.3 on 3 and 620 DF,  p-value: < 2.2e-16
##
##
## Call:
## lm(formula = lifeExp ~ pop + gdpPercap + year, data = df)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -15.7145  -3.0574   0.7712   3.9654  12.3311
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) -5.333e+02  4.098e+01 -13.013   <2e-16 ***
## pop         -2.151e-08  8.623e-09  -2.494   0.0132 *
## gdpPercap    6.752e-04  7.150e-05   9.444   <2e-16 ***
## year         2.999e-01  2.077e-02  14.441   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 5.895 on 296 degrees of freedom
## Multiple R-squared:  0.6061, Adjusted R-squared:  0.6021
## F-statistic: 151.8 on 3 and 296 DF,  p-value: < 2.2e-16
##
##
## Call:
## lm(formula = lifeExp ~ pop + gdpPercap + year, data = df)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -1.2205 -0.4987  0.2728  0.4372  0.7368
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.097e+02  5.119e+01  -4.097 0.000561 ***
## pop          8.365e-09  3.335e-08   0.251 0.804526
## gdpPercap    2.027e-04  8.466e-05   2.395 0.026554 *
## year         1.415e-01  2.652e-02   5.337 3.19e-05 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## Residual standard error: 0.6648 on 20 degrees of freedom
## Multiple R-squared:  0.9733, Adjusted R-squared:  0.9693
## F-statistic: 243.3 on 3 and 20 DF,  p-value: 6.663e-16
```

```
df_list %>% reduce(rbind)
```

```
##    continent        term      Estimate    Std.Error   statistics       pValue
## 1       Asia (Intercept) -7.833346e+02 4.829159e+01 -16.22093133 1.221345e-45
## 2       Asia         pop  4.228480e-11 2.038675e-09   0.02074131 9.834626e-01
## 3       Asia   gdpPercap  2.510235e-04 3.011313e-05   8.33601577 1.313850e-15
## 4       Asia        year  4.250632e-01 2.442390e-02  17.40357584 1.130117e-50
## 5     Europe (Intercept) -1.613479e+02 2.276954e+01  -7.08613154 7.439346e-12
## 6     Europe         pop -8.184650e-09 7.797942e-09  -1.04959092 2.946182e-01
## 7     Europe   gdpPercap  3.254890e-04 2.147815e-05  15.15442184 2.213007e-40
## 8     Europe        year  1.155254e-01 1.159828e-02   9.96055931 8.880118e-21
## 9     Africa (Intercept) -4.702809e+02 3.385505e+01 -13.89101111 2.165718e-38
## 10    Africa         pop -3.681098e-09 1.887800e-08  -0.19499402 8.454615e-01
## 11    Africa   gdpPercap  1.121480e-03 1.008143e-04  11.12421382 2.460256e-26
## 12    Africa        year  2.610369e-01 1.714719e-02  15.22330342 1.074461e-44
## 13  Americas (Intercept) -5.333126e+02 4.098462e+01 -13.01250536 6.399123e-31
## 14  Americas         pop -2.150868e-08 8.623439e-09  -2.49421169 1.316914e-02
## 15  Americas   gdpPercap  6.752172e-04 7.149908e-05   9.44371867 1.125154e-18
## 16  Americas        year  2.999141e-01 2.076844e-02  14.44085980 3.789314e-36
## 17   Oceania (Intercept) -2.097021e+02 5.118993e+01  -4.09655043 5.613344e-04
## 18   Oceania         pop  8.365083e-09 3.335332e-08   0.25080209 8.045257e-01
## 19   Oceania   gdpPercap  2.027306e-04 8.466481e-05   2.39450851 2.655396e-02
## 20   Oceania        year  1.415402e-01 2.652184e-02   5.33674265 3.185148e-05
```

```
# a better solution
gapminder %>%
  group_by(continent) %>%
  nest() %>%
  mutate(lm_obj = map(data, ~lm(lifeExp ~ pop + year + gdpPercap, data = .))) %>%
  mutate(lm_tidy = map(lm_obj, broom::tidy)) %>%
  ungroup() %>% # on next line we use "continent" column that we grouped on
  transmute(continent, lm_tidy) %>%
  unnest(cols = c(lm_tidy)) # explode nested tibbles rows into containing df
```

```
## # A tibble: 20 x 6
##    continent term         estimate std.error statistic  p.value
##    <fct>     <chr>           <dbl>     <dbl>     <dbl>    <dbl>
##  1 Asia      (Intercept) -7.83e+ 2   4.83e+1  -16.2    1.22e-45
##  2 Asia      pop          4.23e-11   2.04e-9    0.0207 9.83e- 1
##  3 Asia      year         4.25e- 1   2.44e-2   17.4    1.13e-50
##  4 Asia      gdpPercap    2.51e- 4   3.01e-5    8.34   1.31e-15
##  5 Europe    (Intercept) -1.61e+ 2   2.28e+1   -7.09   7.44e-12
##  6 Europe    pop         -8.18e- 9   7.80e-9   -1.05   2.95e- 1
##  7 Europe    year         1.16e- 1   1.16e-2    9.96   8.88e-21
##  8 Europe    gdpPercap    3.25e- 4   2.15e-5   15.2    2.21e-40
##  9 Africa    (Intercept) -4.70e+ 2   3.39e+1  -13.9    2.17e-38
## 10 Africa    pop         -3.68e- 9   1.89e-8   -0.195  8.45e- 1
## 11 Africa    year         2.61e- 1   1.71e-2   15.2    1.07e-44
## 12 Africa    gdpPercap    1.12e- 3   1.01e-4   11.1    2.46e-26
## 13 Americas  (Intercept) -5.33e+ 2   4.10e+1  -13.0    6.40e-31
## 14 Americas  pop         -2.15e- 8   8.62e-9   -2.49   1.32e- 2
```

```
## 15 Americas  year         3.00e- 1   2.08e-2   14.4    3.79e-36
## 16 Americas  gdpPercap    6.75e- 4   7.15e-5    9.44   1.13e-18
## 17 Oceania   (Intercept) -2.10e+ 2   5.12e+1   -4.10   5.61e- 4
## 18 Oceania   pop          8.37e- 9   3.34e-8    0.251  8.05e- 1
## 19 Oceania   year         1.42e- 1   2.65e-2    5.34   3.19e- 5
## 20 Oceania   gdpPercap    2.03e- 4   8.47e-5    2.39   2.66e- 2
```

```
# To apply mutate functions to a list-column (i.e. a tibble column)
# you need to wrap the function you want to apply in a map function.

df_nested %>%
  mutate(dimensions = glue::glue(map_int(data,nrow), " X ", map_int(data,ncol)))
```

```
## Warning in mutate_impl(.data, dots, caller_env()): Vectorizing 'glue' elements
## may not preserve their attributes

## Warning in mutate_impl(.data, dots, caller_env()): Vectorizing 'glue' elements
## may not preserve their attributes

## Warning in mutate_impl(.data, dots, caller_env()): Vectorizing 'glue' elements
## may not preserve their attributes

## Warning in mutate_impl(.data, dots, caller_env()): Vectorizing 'glue' elements
## may not preserve their attributes

## Warning in mutate_impl(.data, dots, caller_env()): Vectorizing 'glue' elements
## may not preserve their attributes
```

```
## # A tibble: 5 x 3
## # Groups:   continent [5]
##   continent data              dimensions
##   <fct>     <list>            <chr>
## 1 Asia      <tibble [396 x 5]> 396 X 5
## 2 Europe    <tibble [360 x 5]> 360 X 5
## 3 Africa    <tibble [624 x 5]> 624 X 5
## 4 Americas  <tibble [300 x 5]> 300 X 5
## 5 Oceania   <tibble [24 x 5]>  24 X 5
```

```
# another example, calculate average life expentency in each continit
df_nested %>%
  mutate(life_expect = map_dbl(data, ~ mean(.$lifeExp)))
```

```
## # A tibble: 5 x 3
## # Groups:   continent [5]
##   continent data              life_expect
##   <fct>     <list>                  <dbl>
## 1 Asia      <tibble [396 x 5]>       60.1
## 2 Europe    <tibble [360 x 5]>       71.9
## 3 Africa    <tibble [624 x 5]>       48.9
## 4 Americas  <tibble [300 x 5]>       64.7
## 5 Oceania   <tibble [24 x 5]>        74.3
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)
# map(element's index) extracts an element in the index from all nested lists
```

```r
list(ids = 1:3, values=c("one", "two", "three")) %>%
  map(2)
```

```
## $ids
## [1] 2
##
## $values
## [1] "two"
```

```r
# read list of csv files with the same schema and merge them
list.files("../open-data/", pattern = "^2017", full.names = TRUE) %>%
  map_df(read_csv)
```

```
## # A tibble: 0 x 0
```

```r
# split simply group-by on given column and place them in separate tibbles
gapminder_list <- gapminder %>%
  split(gapminder$continent)


# Sample 5 records from each continent tibble
samples <- gapminder %>%
  split(gapminder$continent) %>%
  map(~(sample_n(., 5)))
samples
```

```
## $Africa
##   country year      pop continent lifeExp  gdpPercap
## 1    Togo 2002  4977378    Africa  57.561   886.2206
## 2   Egypt 1977 38783863    Africa  53.319  2785.4936
## 3 Somalia 1977  4353666    Africa  41.974  1450.9925
## 4   Ghana 1952  5581001    Africa  43.149   911.2989
## 5   Gabon 1972   537977    Africa  48.690 11401.9484
##
## $Americas
##         country year       pop continent lifeExp gdpPercap
## 1 United States 1977 220239000  Americas  73.380 24072.632
## 2       Uruguay 1962   2598466  Americas  68.253  5603.358
## 3     Nicaragua 2002   5146848  Americas  70.836  2474.549
## 4   Puerto Rico 1972   2847132  Americas  72.160  9123.042
## 5         Chile 1952   6377619  Americas  54.745  3939.979
##
## $Asia
##           country year       pop continent lifeExp  gdpPercap
## 1        Pakistan 2007 169270617      Asia  65.483  2605.9476
## 2        Malaysia 1952   6748378      Asia  48.463  1831.1329
## 3 Hong Kong China 1997   6495918      Asia  80.000 28377.6322
## 4         Vietnam 1982  56142181      Asia  58.816   707.2358
## 5         Myanmar 1962  23634436      Asia  45.108   388.0000
##
## $Europe
##                   country year      pop continent lifeExp gdpPercap
## 1                   Spain 2007 40448191    Europe  80.941 28821.064
## 2                Slovenia 2007  2009245    Europe  77.926 25768.258
## 3 Bosnia and Herzegovina 1982  4172693    Europe  70.690  4126.613
```

```
## 4                Romania 1952 16630000    Europe  61.050  3144.613
## 5               Slovenia 1982  1861252    Europe  71.063 17866.722
##
## $Oceania
##       country year      pop continent lifeExp gdpPercap
## 1 New Zealand 1957  2229407   Oceania  70.260  12247.40
## 2   Australia 2007 20434176   Oceania  81.235  34435.37
## 3   Australia 1992 17481977   Oceania  77.560  23424.77
## 4   Australia 1967 11872264   Oceania  71.100  14526.12
## 5 New Zealand 1997  3676187   Oceania  77.550  21050.41
```

```
# keep those list elements (here datasets) that satisfy certain coditions
samples %>%
  keep(~(mean(.$lifeExp) > 70))
```

```
## $Europe
##                   country year      pop continent lifeExp gdpPercap
## 1                   Spain 2007 40448191    Europe  80.941 28821.064
## 2                Slovenia 2007  2009245    Europe  77.926 25768.258
## 3 Bosnia and Herzegovina 1982  4172693    Europe  70.690  4126.613
## 4                 Romania 1952 16630000    Europe  61.050  3144.613
## 5                Slovenia 1982  1861252    Europe  71.063 17866.722
##
## $Oceania
##       country year      pop continent lifeExp gdpPercap
## 1 New Zealand 1957  2229407   Oceania  70.260  12247.40
## 2   Australia 2007 20434176   Oceania  81.235  34435.37
## 3   Australia 1992 17481977   Oceania  77.560  23424.77
## 4   Australia 1967 11872264   Oceania  71.100  14526.12
## 5 New Zealand 1997  3676187   Oceania  77.550  21050.41
```

```
# discard with some magical stringr
"absc61, sf22ve23,NA, wefc,wfverv,3rf3f344,rffr3$f446,,,rf11,NA,345fv,f3rf3" %>%
  str_split(",") %>% # list containing one vector that contains splitted strings
  pluck(1) %>% #get the first list in outer list
  map_chr(str_trim) %>% # remove white spaces
  discard(~ .=="" | .=="NA") %>% # discard empty strings or "NA"
  keep(~ str_extract(., ".$") %in% 0:9) %>% # keep those ends with a digit
  discard(~ as.numeric(str_extract(.x, "[:digit:]+$")) < 5)
```

```
## [1] "absc61"     "sf22ve23"   "3rf3f344"   "rffr3$f446" "rf11"
```

```
# head_while and tail_while
sample(1:100) %>%
  head_while(~ . < 10)
```

```
## integer(0)
```

```
sample(1:100) %>%
  tail_while(~ . > 20)
```

```
## [1] 36 44 51
```

```
# run a function for a number of times
(m <- rerun(10, rnorm(10)) %>% # provides a list of 10 vectors each containing 10 iid
  reduce(cbind))
```

```
##               out         elt          elt         elt         elt         elt
```

```
##  [1,]  0.51046979  0.72556884 -1.239055427  2.5595058 -0.8896016  0.89125420
##  [2,] -1.62622467 -1.66272714 -1.776637930  1.3429065 -1.3770472  1.85707187
##  [3,] -1.45449785  1.63485512 -0.004522726  0.6692575 -0.8602711 -0.38942868
##  [4,]  2.70635073  0.07283882  0.402187965  1.2616616 -0.8780328 -0.85250437
##  [5,] -0.87220836 -1.01260497 -0.869508909 -0.1750770 -0.5876218  0.82727324
##  [6,]  0.07692333 -0.69928622  0.759323218 -1.3041983  0.4580113 -1.44422251
##  [7,]  0.68282372  2.11159595  0.151030479 -1.3789859 -0.4500381  0.11137063
##  [8,]  0.48268996  1.47989419  1.044851037  0.5903405 -0.8746345 -1.67120322
##  [9,]  1.58276671  0.42862787  0.693431647 -0.1558593 -1.5964851  0.01242811
## [10,]  0.47050481  1.43727786 -0.297864394  0.7391891  1.5283069 -0.27661390
##              elt        elt         elt        elt
##  [1,] -0.2785335  0.3240284  1.06123083 -0.3167628
##  [2,]  0.4510581 -2.0410875 -0.61547537  0.4494125
##  [3,] -0.2535460 -0.4692043  2.15452819  0.2124465
##  [4,]  1.8545459  0.2813309 -1.04856544  0.0872537
##  [5,]  0.8050561 -1.4068521  0.45565035  2.2366329
##  [6,] -0.1200810  0.8968262 -0.67615247  1.2450743
##  [7,]  1.0783508 -1.0598074  0.60816582 -1.0882591
##  [8,] -1.0774275  0.6464432  0.26397886 -1.4804923
##  [9,] -1.7775618 -1.0129083 -1.88284501 -0.4007817
## [10,] -0.0811332 -0.8901893  0.07874127 -1.7650385
```

```
colnames(m) <- 1:10 %>% map_chr (~ str_c("col", .))
as_tibble(m)
```

```
## # A tibble: 10 x 10
##       col1    col2     col3   col4   col5    col6    col7   col8    col9   col10
##      <dbl>   <dbl>    <dbl>  <dbl>  <dbl>   <dbl>   <dbl>  <dbl>   <dbl>   <dbl>
##  1  0.510   0.726  -1.24     2.56  -0.890  0.891  -0.279   0.324  1.06   -0.317
##  2 -1.63   -1.66   -1.78     1.34  -1.38   1.86    0.451  -2.04  -0.615   0.449
##  3 -1.45    1.63   -0.00452  0.669 -0.860 -0.389  -0.254  -0.469  2.15    0.212
##  4  2.71    0.0728  0.402    1.26  -0.878 -0.853   1.85    0.281 -1.05    0.0873
##  5 -0.872  -1.01   -0.870   -0.175 -0.588  0.827   0.805  -1.41   0.456   2.24
##  6  0.0769 -0.699   0.759   -1.30   0.458 -1.44   -0.120   0.897 -0.676   1.25
##  7  0.683   2.11    0.151   -1.38  -0.450  0.111   1.08   -1.06   0.608  -1.09
##  8  0.483   1.48    1.04     0.590 -0.875 -1.67   -1.08    0.646  0.264  -1.48
##  9  1.58    0.429   0.693   -0.156 -1.60   0.0124 -1.78   -1.01  -1.88   -0.401
## 10  0.471   1.44   -0.298    0.739  1.53  -0.277  -0.0811 -0.890  0.0787 -1.77
```

```
# imap is indexed map
rerun(.n = 10, rnorm(10)) %>%
  imap_dfr(~ tibble(run = .y,
                    mean = mean(.x),
                    sd = sd(.x),
                    median = median(.x)))
```

```
## # A tibble: 10 x 4
##      run    mean    sd  median
##    <int>   <dbl> <dbl>   <dbl>
##  1     1 -0.295  0.696 -0.353
##  2     2 -0.424  0.783 -0.343
##  3     3 -0.385  1.05  -0.608
##  4     4  0.0949 0.910 -0.0666
##  5     5 -0.657  0.695 -0.640
##  6     6 -0.457  1.22  -0.362
##  7     7  0.0190 1.00   0.0706
```

```
##  8     8 -0.564  0.773 -0.572
##  9     9  0.356  1.06   0.507
## 10    10 -0.236  0.962 -0.352
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)
# reduce /  reduce_right is R's foldleft / foldRight

# -----------  foldLeft(List[Int]())((acc, x) => acc :+ (x + 1)) -----------
# Note #1: The First argument of the function is always zero of monoid.
# you can set zero of monoid using ".init" argument of reduce.
# If .init is not provided then first element of the list is used as zero.
# Note '.init = NULL' forces reduce to use NULL (i.e. an empty list) as
# zero of the monoid and pass it as the first argument to the provided function
# rather than using .x[[1]].
# reduce passes elements of the collection as function's second argument.

list(1,2,3,4,5) %>%
  reduce(~append (.x, .y + 1), .init = NULL)
```

```
## [1] 2 3 4 5 6
```

```
list(1,2,3,4,5) %>%
  reduce_right (~append (.x, .y + 1), .init = NULL)
```

```
## Warning: `reduce_right()` is soft-deprecated as of purrr 0.3.0.
## Please use the new `.dir` argument of `reduce()` instead.
##
##   # Before:
##   reduce_right(1:3, f)
##
##   # After:
##   reduce(1:3, f, .dir = "backward")  # New algorithm
##   reduce(rev(1:3), f)                # Same algorithm as reduce_right()
##
## This warning is displayed once per session.
```

```
## [1] 6 5 4 3 2
```

```
# reduce to find intersection between multiple lists



# use reduce to append multiple data frames
df1 <- data.frame(Customer_ID = c(1, 2, 3), Name = c("John", "Sue", "Ann"))
df2 <- data.frame(Customer_ID = c(4, 5, 6), Name = c("Joe", "Suzy", "Annable"))

list(df1, df2) %>%
  reduce(rbind)
```

```
##   Customer_ID    Name
## 1           1    John
## 2           2     Sue
## 3           3     Ann
## 4           4     Joe
## 5           5    Suzy
## 6           6 Annable
```

```r
# accumulate does exactly the same thing as reduce but it also returns
# accumulated value on each loop, provided .init is accessible by index
list(df1, df2) %>%
  accumulate(rbind)
```

```
## [[1]]
##   Customer_ID Name
## 1           1 John
## 2           2  Sue
## 3           3  Ann
##
## [[2]]
##   Customer_ID    Name
## 1           1    John
## 2           2     Sue
## 3           3     Ann
## 4           4     Joe
## 5           5    Suzy
## 6           6 Annable
```

```r
# ----------- merge (join, left join, right join and ntural join) ----------
# First remember what "all" option of "merge" does:
# all = FALSE (default value) inner join where columns with the same name of
#                             associated tables will appear once only.
# all.x = TRUE gives a left (outer) join,
# all.y = TRUE a right (outer) join,
# (all = TRUE) a (full) outer join.
# DBMSes do not match NULL records, equivalent to incomparables = NA in R.

#  More data for merge
df1 <- data.frame(Customer_ID = c(1, 2, 3), Name = c("John", "Sue", "Ann"))
df2 <- data.frame(Customer_ID = c(1, 3), Year_First_Order = c(2011, 2017))
df3 <- data.frame(Customer_ID = c(1, 2, 3),
                  Date_Last_Order = c("2017-03-03", "2014-03-01", "2017-05-30"),
                  No_Items_Last_Order = c(3, 1, 1),
                  Total_Amount_Last_Order = c(49, 25,25))
df4 <- data.frame(Customer_ID = c(2, 3), Interested_In_Promo = c(TRUE, FALSE))

merge(df1 , df2, by="Customer_ID")
```

```
##   Customer_ID Name Year_First_Order
## 1           1 John             2011
## 2           3  Ann             2017
```

```r
merge(df1 , df2, by="Customer_ID", all.x = T)
```

```
##   Customer_ID Name Year_First_Order
## 1           1 John             2011
## 2           2  Sue               NA
## 3           3  Ann             2017
```

```r
# now we use reduce to join the dataframes
list(df1,df2,df3,df4) %>%
  reduce(~ merge(.x, .y, all.x = T))
```

```
##   Customer_ID Name Year_First_Order Date_Last_Order No_Items_Last_Order
```

```
## 1           1 John             2011      2017-03-03                   3
## 2           2  Sue               NA      2014-03-01                   1
## 3           3  Ann             2017      2017-05-30                   1
##   Total_Amount_Last_Order Interested_In_Promo
## 1                      49                  NA
## 2                      25                TRUE
## 3                      25               FALSE
```

```
# another example of reduce : Sums of matrix powers
# we need package expm to do matrix power
library(expm)
```

```
## Loading required package: Matrix
```

```
##
## Attaching package: 'Matrix'
```

```
## The following objects are masked from 'package:tidyr':
##
##     expand, pack, unpack
```

```
##
## Attaching package: 'expm'
```

```
## The following object is masked from 'package:Matrix':
##
##     expm
```

```
(m <- rbind(c(0.9, 0.1), c(1, 0)))
```

```
##      [,1] [,2]
## [1,]  0.9  0.1
## [2,]  1.0  0.0
```

```
1:20 %>%
  map(~ (m %^% .)) %>%
  reduce(~(.x+.y), .init = rbind(c(0,0),c(0.0)))
```

```
##          [,1]     [,2]
## [1,] 18.17355 1.826446
## [2,] 18.26446 1.735537
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)
## A general-purpose adder:
add <- function(x) Reduce("+", x)
add(list(1, 2, 3))
```

```
## [1] 6
```

```
## Like sum(), but can also used for adding matrices etc., as it will
## use the appropriate '+' method in each reduction step.
## More generally, many generics meant to work on arbitrarily many
## arguments can be defined via reduction:
FOO <- function(...) Reduce(FOO2, list(...))
FOO2 <- function(x, y) UseMethod("FOO2")
## FOO() methods can then be provided via FOO2() methods.

## A general-purpose cumulative adder:
```

```
cadd <- function(x) Reduce("+", x, accumulate = TRUE)
cadd(seq_len(7))
```

```
## [1]  1  3  6 10 15 21 28
```

```
## A simple function to compute continued fractions:
cfrac <- function(x) Reduce(function(u, v) u + 1 / v, x, right = TRUE)
## Continued fraction approximation for pi:
cfrac(c(3, 7, 15, 1, 292))
```

```
## [1] 3.141593
```

```
## Continued fraction approximation for Euler's number (e):
cfrac(c(2, 1, 2, 1, 1, 4, 1, 1, 6, 1, 1, 8))
```

```
## [1] 2.718282
```

```
## Iterative function application:
Funcall <- function(f, ...) f(...)
## Compute log(exp(acos(cos(0))))
Reduce(Funcall, list(log, exp, acos, cos), 0, right = TRUE)
```

```
## [1] 0
```

```
## n-fold iterate of a function, functional style:
Iterate <- function(f, n = 1)
    function(x) Reduce(Funcall, rep.int(list(f), n), x, right = TRUE)
## Continued fraction approximation to the golden ratio:
Iterate(function(x) 1 + 1 / x, 30)(1)
```

```
## [1] 1.618034
```

```
## which is the same as
cfrac(rep.int(1, 31))
```

```
## [1] 1.618034
```

```
## Computing square root approximations for x as fixed points of the
## function t |-> (t + x / t) / 2, as a function of the initial value:
asqrt <- function(x, n) Iterate(function(t) (t + x / t) / 2, n)
asqrt(2, 30)(10) # Starting from a positive value => +sqrt(2)
```

```
## [1] 1.414214
```

```
asqrt(2, 30)(-1) # Starting from a negative value => -sqrt(2)
```

```
## [1] -1.414214
```

```
## A list of all functions in the base environment:
funs <- Filter(is.function, sapply(ls(baseenv()), get, baseenv()))
## Functions in base with more than 10 arguments:
names(Filter(function(f) length(formals(f)) > 10, funs))
```

```
## [1] "format.default"   "formatC"          "library"          "merge.data.frame"
## [5] "prettyNum"        "scan"             "source"           "system2"
```

```
## Number of functions in base with a '...' argument:
length(Filter(function(f)
              any(names(formals(f)) %in% "..."),
              funs))
```

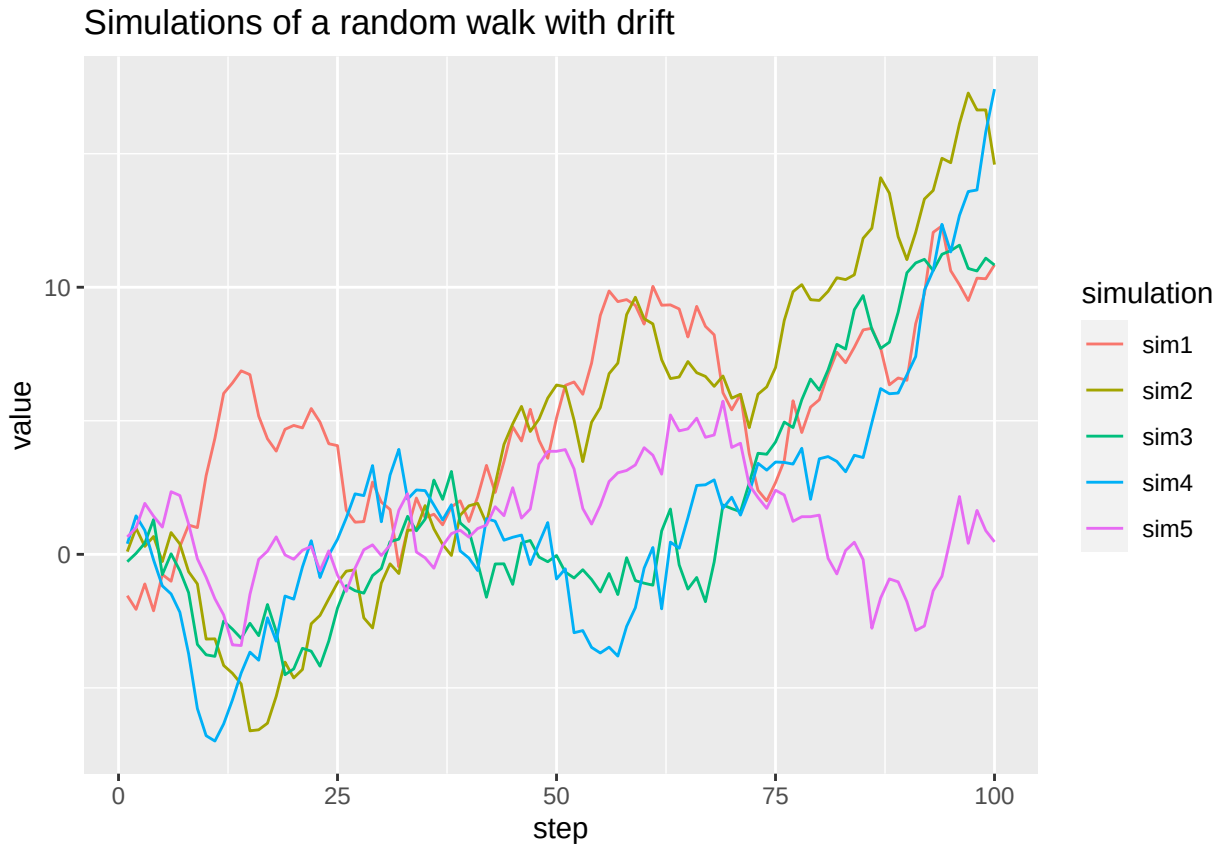
```
## [1] 414
```

```
## Find all objects in the base environment which are *not* functions:
Filter(Negate(is.function),  sapply(ls(baseenv()), get, baseenv()))
```

```
## $F
## [1] FALSE
##
## $letters
##  [1] "a" "b" "c" "d" "e" "f" "g" "h" "i" "j" "k" "l" "m" "n" "o" "p" "q" "r" "s"
## [20] "t" "u" "v" "w" "x" "y" "z"
##
## $LETTERS
##  [1] "A" "B" "C" "D" "E" "F" "G" "H" "I" "J" "K" "L" "M" "N" "O" "P" "Q" "R" "S"
## [20] "T" "U" "V" "W" "X" "Y" "Z"
##
## $month.abb
##  [1] "Jan" "Feb" "Mar" "Apr" "May" "Jun" "Jul" "Aug" "Sep" "Oct" "Nov" "Dec"
##
## $month.name
##  [1] "January"   "February"  "March"     "April"     "May"       "June"
##  [7] "July"      "August"    "September" "October"   "November"  "December"
##
## $pi
## [1] 3.141593
##
## $R.version
##                _
## platform       x86_64-apple-darwin15.6.0
## arch           x86_64
## os             darwin15.6.0
## system         x86_64, darwin15.6.0
## status
## major          3
## minor          6.2
## year           2019
## month          12
## day            12
## svn rev        77560
## language       R
## version.string R version 3.6.2 (2019-12-12)
## nickname       Dark and Stormy Night
##
## $R.version.string
## [1] "R version 3.6.2 (2019-12-12)"
##
## $T
## [1] TRUE
##
## $version
##                _
## platform       x86_64-apple-darwin15.6.0
## arch           x86_64
## os             darwin15.6.0
## system         x86_64, darwin15.6.0
```

```
## status
## major          3
## minor          6.2
## year           2019
## month          12
## day            12
## svn rev        77560
## language       R
## version.string R version 3.6.2 (2019-12-12)
## nickname       Dark and Stormy Night
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)

rerun(5, rnorm(100)) %>%
  set_names(paste0("sim", 1:5)) %>%
  map(~ accumulate(., ~ .05 + .x + .y)) %>%
  map_dfr(~ tibble(value = .x, step = 1:100), .id = "simulation") %>%
  ggplot(aes(x = step, y = value)) +
    geom_line(aes(color = simulation)) +
    ggtitle("Simulations of a random walk with drift")
```




```
# We use rep.int as rep is primitive
rep.int(12,5)
```

```
## [1] 12 12 12 12 12
```

```
vrep <- Vectorize(rep.int)
vrep(1:4, 4:1)
```

```
## [[1]]
## [1] 1 1 1 1
##
## [[2]]
## [1] 2 2 2
##
## [[3]]
## [1] 3 3
##
## [[4]]
## [1] 4
```

```
vrep(times = 1:4, x = 4:1)
```

```
## [[1]]
## [1] 4
##
## [[2]]
## [1] 3 3
##
## [[3]]
## [1] 2 2 2
##
## [[4]]
## [1] 1 1 1 1
```

```
vrep <- Vectorize(rep.int, "times")
vrep(times = 1:4, x = 42)
```

```
## [[1]]
## [1] 42
##
## [[2]]
## [1] 42 42
##
## [[3]]
## [1] 42 42 42
##
## [[4]]
## [1] 42 42 42 42
```

```
f <- function(x = 1:3, y) c(x, y)
vf <- Vectorize(f, SIMPLIFY = FALSE)
f(1:3, 1:3)
```

```
## [1] 1 2 3 1 2 3
```

```
vf(1:3, 1:3)
```

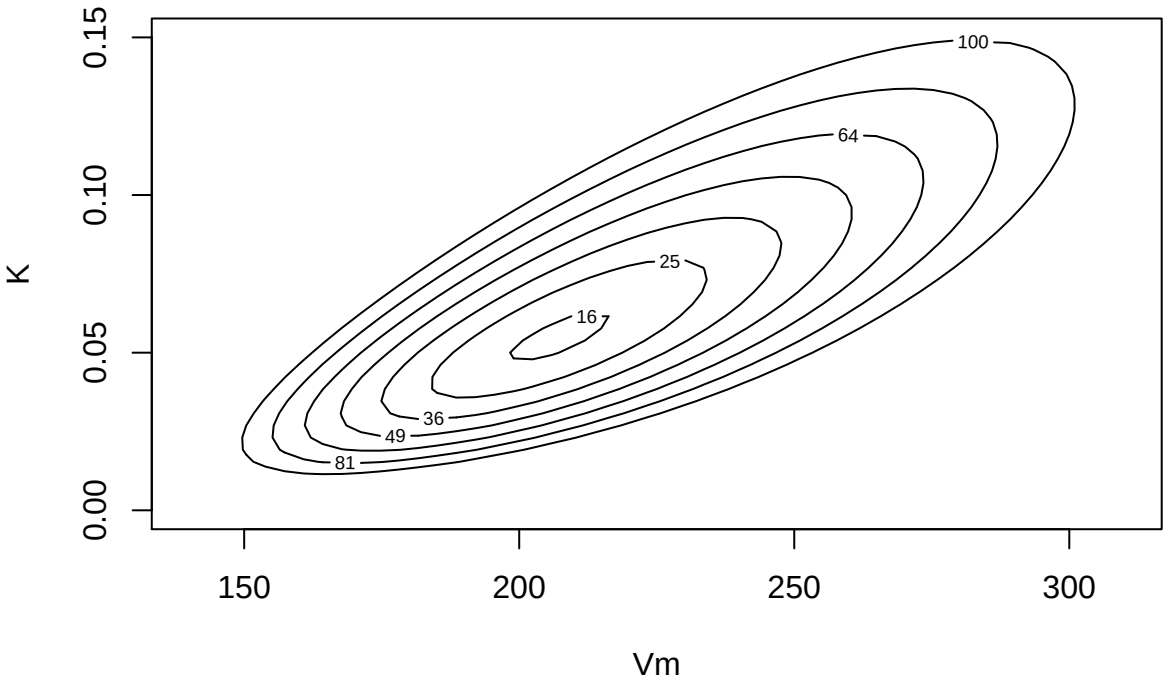
```
## [[1]]
## [1] 1 1
##
## [[2]]
## [1] 2 2
##
```

```
## [[3]]
## [1] 3 3
```

```
vf(y = 1:3) # Only vectorizes y, not x
```

```
## [[1]]
## [1] 1 2 3 1
##
## [[2]]
## [1] 1 2 3 2
##
## [[3]]
## [1] 1 2 3 3
```

```
# Nonlinear regression contour plot, based on nls() example
require(graphics)
SS <- function(Vm, K, resp, conc) {
    pred <- (Vm * conc)/(K + conc)
    sum((resp - pred)^2 / pred)
}
vSS <- Vectorize(SS, c("Vm", "K"))
Treated <- subset(Puromycin, state == "treated")

Vm <- seq(140, 310, length.out = 50)
K <- seq(0, 0.15, length.out = 40)
SSvals <- outer(Vm, K, vSS, Treated$rate, Treated$conc)
contour(Vm, K, SSvals, levels = (1:10)^2, xlab = "Vm", ylab = "K")
```




```
# combn() has an argument named FUN
combnV <- Vectorize(function(x, m, FUNV = NULL) combn(x, m, FUN = FUNV),
                    vectorize.args = c("x", "m"))
combnV(4, 1:4)
```

```
## [[1]]
```

```
##      [,1] [,2] [,3] [,4]
## [1,]    1    2    3    4
##
## [[2]]
##      [,1] [,2] [,3] [,4] [,5] [,6]
## [1,]    1    1    1    2    2    3
## [2,]    2    3    4    3    4    4
##
## [[3]]
##      [,1] [,2] [,3] [,4]
## [1,]    1    1    1    2
## [2,]    2    2    3    3
## [3,]    3    4    4    4
##
## [[4]]
##      [,1]
## [1,]    1
## [2,]    2
## [3,]    3
## [4,]    4
```

```
combnV(4, 1:4, sum)
```

```
## [[1]]
## [1] 1 2 3 4
##
## [[2]]
## [1] 3 4 5 5 6 7
##
## [[3]]
## [1] 6 7 8 9
##
## [[4]]
## [1] 10
```

```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)

wage.df = read.csv("/Users/shahrdadshadab/env/my-R-project/ISLR/Data/datasets/Wage.csv",
                   header=T, stringsAsFactors = F, na.strings = "?")
wage.df.original = tibble(wage.df)
(wage.df = tibble(wage.df))
```

```
## # A tibble: 3,000 x 12
##     year   age sex   maritl race  education region jobclass health health_ins
##    <int> <int> <chr> <chr>  <chr> <chr>     <chr>  <chr>    <chr>  <chr>
##  1  2006    18 1. M~ 1. Ne~ 1. W~ 1. < HS ~ 2. Mi~ 1. Indu~ 1. <=~ 2. No
##  2  2004    24 1. M~ 1. Ne~ 1. W~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 2. No
##  3  2003    45 1. M~ 2. Ma~ 1. W~ 3. Some ~ 2. Mi~ 1. Indu~ 1. <=~ 1. Yes
##  4  2003    43 1. M~ 2. Ma~ 3. A~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
##  5  2005    50 1. M~ 4. Di~ 1. W~ 2. HS Gr~ 2. Mi~ 2. Info~ 1. <=~ 1. Yes
##  6  2008    54 1. M~ 2. Ma~ 1. W~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
##  7  2009    44 1. M~ 2. Ma~ 4. O~ 3. Some ~ 2. Mi~ 1. Indu~ 2. >=~ 1. Yes
##  8  2008    30 1. M~ 1. Ne~ 3. A~ 3. Some ~ 2. Mi~ 2. Info~ 1. <=~ 1. Yes
##  9  2006    41 1. M~ 1. Ne~ 2. B~ 3. Some ~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
```

```
## 10  2004    52 1. M~ 2. Ma~ 1. W~ 2. HS Gr~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
## # ... with 2,990 more rows, and 2 more variables: logwage <dbl>, wage <dbl>
```

```
# remove empty characters and NA helper
remove.empty.characters <- function(df)
  df %>%
    select_all %>%
    filter_if(is.character, all_vars(!is.na(.) & trimws(.) != ""))

# Next remove leading and trailing spaces from all elements in character columns
trim.f <- function(col, na.rm = F) {
  isNA <- !reduce(col, ~ (is.na(.x) & is.na(.y)))
  if (na.rm && isNA)
    unlist(map(col, ~ (if (is.na(.x)) "" else .x) ),use.names = F)
  else trimws(col, which = c("both")) # leading and trailing spaces
}

trim.spaces <- function(df)
  (df %>%
    mutate_if(is.character, trim.f, na.rm = T))

# Finally convert character columns to factor

char.to.fctor <- function(df)
  df %>%
    mutate_if(is.character, ~ factor(.x, levels = (.x %>% table() %>% names())))


(wage.df <-
  wage.df %>%
  na.omit() %>%
  trim.spaces() %>%
  remove.empty.characters() %>%
  char.to.fctor())
```

```
## # A tibble: 3,000 x 12
##     year   age sex   maritl race  education region jobclass health health_ins
##    <int> <int> <fct> <fct>  <fct> <fct>     <fct>  <fct>    <fct>  <fct>
##  1  2006    18 1. M~ 1. Ne~ 1. W~ 1. < HS ~ 2. Mi~ 1. Indu~ 1. <=~ 2. No
##  2  2004    24 1. M~ 1. Ne~ 1. W~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 2. No
##  3  2003    45 1. M~ 2. Ma~ 1. W~ 3. Some ~ 2. Mi~ 1. Indu~ 1. <=~ 1. Yes
##  4  2003    43 1. M~ 2. Ma~ 3. A~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
##  5  2005    50 1. M~ 4. Di~ 1. W~ 2. HS Gr~ 2. Mi~ 2. Info~ 1. <=~ 1. Yes
##  6  2008    54 1. M~ 2. Ma~ 1. W~ 4. Colle~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
##  7  2009    44 1. M~ 2. Ma~ 4. O~ 3. Some ~ 2. Mi~ 1. Indu~ 2. >=~ 1. Yes
##  8  2008    30 1. M~ 1. Ne~ 3. A~ 3. Some ~ 2. Mi~ 2. Info~ 1. <=~ 1. Yes
##  9  2006    41 1. M~ 1. Ne~ 2. B~ 3. Some ~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
## 10  2004    52 1. M~ 2. Ma~ 1. W~ 2. HS Gr~ 2. Mi~ 2. Info~ 2. >=~ 1. Yes
## # ... with 2,990 more rows, and 2 more variables: logwage <dbl>, wage <dbl>
```

```
library(nycflights13)
library(tidyverse)

str(flights)
```

```
## tibble [336,776 x 19] (S3: tbl_df/tbl/data.frame)
```

```
##  $ year          : int [1:336776] 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 ...
##  $ month         : int [1:336776] 1 1 1 1 1 1 1 1 1 1 ...
##  $ day           : int [1:336776] 1 1 1 1 1 1 1 1 1 1 ...
##  $ dep_time      : int [1:336776] 517 533 542 544 554 554 555 557 557 558 ...
##  $ sched_dep_time: int [1:336776] 515 529 540 545 600 558 600 600 600 600 ...
##  $ dep_delay     : num [1:336776] 2 4 2 -1 -6 -4 -5 -3 -3 -2 ...
##  $ arr_time      : int [1:336776] 830 850 923 1004 812 740 913 709 838 753 ...
##  $ sched_arr_time: int [1:336776] 819 830 850 1022 837 728 854 723 846 745 ...
##  $ arr_delay     : num [1:336776] 11 20 33 -18 -25 12 19 -14 -8 8 ...
##  $ carrier       : chr [1:336776] "UA" "UA" "AA" "B6" ...
##  $ flight        : int [1:336776] 1545 1714 1141 725 461 1696 507 5708 79 301 ...
##  $ tailnum       : chr [1:336776] "N14228" "N24211" "N619AA" "N804JB" ...
##  $ origin        : chr [1:336776] "EWR" "LGA" "JFK" "JFK" ...
##  $ dest          : chr [1:336776] "IAH" "IAH" "MIA" "BQN" ...
##  $ air_time      : num [1:336776] 227 227 160 183 116 150 158 53 140 138 ...
##  $ distance      : num [1:336776] 1400 1416 1089 1576 762 ...
##  $ hour          : num [1:336776] 5 5 5 5 6 5 6 6 6 6 ...
##  $ minute        : num [1:336776] 15 29 40 45 0 58 0 0 0 0 ...
##  $ time_hour     : POSIXct[1:336776], format: "2013-01-01 05:00:00" "2013-01-01 05:00:00" ...
```

```
# filter() are combined with "and": every expression must be true in order
# for a row to be included in the output

(jan1 <- filter(flights, month==1 , day == 1))
```

```
## # A tibble: 842 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 832 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# use near for double value equalities
near (sqrt(2) ^ 2 , 2)
```

```
## [1] TRUE
```

```
(jan1 <- filter(flights, month==11 | month == 12))
```

```
## # A tibble: 55,403 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013    11     1        5           2359         6      352            345
##  2  2013    11     1       35           2250       105      123           2356
##  3  2013    11     1      455            500        -5      641            651
##  4  2013    11     1      539            545        -6      856            827
```

```
##  5  2013    11     1      542            545        -3      831            855
##  6  2013    11     1      549            600       -11      912            923
##  7  2013    11     1      550            600       -10      705            659
##  8  2013    11     1      554            600        -6      659            701
##  9  2013    11     1      554            600        -6      826            827
## 10  2013    11     1      554            600        -6      749            751
## # ... with 55,393 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# equivalently
jan1 <- filter(flights, month %in% c(11,12))

# filter excludes both FALSE and NA values
df <- tibble(x = c(1, NA, 3))
filter(df, x>1)
```

```
## # A tibble: 1 x 1
##       x
##   <dbl>
## 1     3
```

```
filter(df, is.na(x) | x > 1)
```

```
## # A tibble: 2 x 1
##       x
##   <dbl>
## 1    NA
## 2     3
```

```
# Exercise 5.2.4
#Find all flights that:
  # Had an arrival delay of two or more hours
filter(flights, arr_delay >= 2)
```

```
## # A tibble: 127,929 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      554            558        -4      740            728
##  5  2013     1     1      555            600        -5      913            854
##  6  2013     1     1      558            600        -2      753            745
##  7  2013     1     1      558            600        -2      924            917
##  8  2013     1     1      559            600        -1      941            910
##  9  2013     1     1      600            600         0      837            825
## 10  2013     1     1      602            605        -3      821            805
## # ... with 127,919 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
  #Flew to Houston (IAH or HOU)
filter(flights, dest %in% c("IAH", "HOU"))
```

```
## # A tibble: 9,313 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
```

```
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      623            627        -4      933            932
##  4  2013     1     1      728            732        -4     1041           1038
##  5  2013     1     1      739            739         0     1104           1038
##  6  2013     1     1      908            908         0     1228           1219
##  7  2013     1     1     1028           1026         2     1350           1339
##  8  2013     1     1     1044           1045        -1     1352           1351
##  9  2013     1     1     1114            900       134     1447           1222
## 10  2013     1     1     1205           1200         5     1503           1505
## # ... with 9,303 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
  #Were operated by United, American, or Delta
filter(flights, carrier %in% c("UA", "AM", "DEL"))
```

```
## # A tibble: 58,665 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      554            558        -4      740            728
##  4  2013     1     1      558            600        -2      924            917
##  5  2013     1     1      558            600        -2      923            937
##  6  2013     1     1      559            600        -1      854            902
##  7  2013     1     1      607            607         0      858            915
##  8  2013     1     1      611            600        11      945            931
##  9  2013     1     1      623            627        -4      933            932
## 10  2013     1     1      628            630        -2     1016            947
## # ... with 58,655 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
  # Departed in summer (July, August, and September)
filter(flights, month %in% c(7, 8, 9))
```

```
## # A tibble: 86,326 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     7     1        1           2029       212      236           2359
##  2  2013     7     1        2           2359         3      344            344
##  3  2013     7     1       29           2245       104      151              1
##  4  2013     7     1       43           2130       193      322             14
##  5  2013     7     1       44           2150       174      300            100
##  6  2013     7     1       46           2051       235      304           2358
##  7  2013     7     1       48           2001       287      308           2305
##  8  2013     7     1       58           2155       183      335             43
##  9  2013     7     1      100           2146       194      327             30
## 10  2013     7     1      100           2245       135      337            135
## # ... with 86,316 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
  # Arrived more than two hours late, but didn't leave late
filter(flights, dep_delay <= 0 & arr_delay >= 120)
```

```
## # A tibble: 29 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1    27     1419           1420        -1     1754           1550
##  2  2013    10     7     1350           1350         0     1736           1526
##  3  2013    10     7     1357           1359        -2     1858           1654
##  4  2013    10    16      657            700        -3     1258           1056
##  5  2013    11     1      658            700        -2     1329           1015
##  6  2013     3    18     1844           1847        -3       39           2219
##  7  2013     4    17     1635           1640        -5     2049           1845
##  8  2013     4    18      558            600        -2     1149            850
##  9  2013     4    18      655            700        -5     1213            950
## 10  2013     5    22     1827           1830        -3     2217           2010
## # ... with 19 more rows, and 11 more variables: arr_delay <dbl>, carrier <chr>,
## #   flight <int>, tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>,
## #   distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
flights[between(flights$dep_delay,0, 120), ]
```

```
## # A tibble: 143,478 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      559            559         0      702            706
##  5  2013     1     1      600            600         0      851            858
##  6  2013     1     1      600            600         0      837            825
##  7  2013     1     1      601            600         1      844            850
##  8  2013     1     1      607            607         0      858            915
##  9  2013     1     1      608            600         8      807            735
## 10  2013     1     1      611            600        11      945            931
## # ... with 143,468 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
  # Were delayed by at least an hour, but made up over 30 minutes in flight
filter(flights, dep_delay > 60 & arr_delay <= 30)
```

```
## # A tibble: 211 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     3     1850           1745        65     2148           2120
##  2  2013     1     3     1950           1845        65     2228           2227
##  3  2013     1     6     1019            900        79     1558           1530
##  4  2013     1     7     1543           1430        73     1758           1735
##  5  2013     1    12     1706           1600        66     1949           1927
##  6  2013     1    12     1953           1845        68     2154           2137
##  7  2013     1    19     1456           1355        61     1636           1615
##  8  2013     1    21     1531           1430        61     1843           1815
##  9  2013     1    21     1648           1545        63     1939           1910
## 10  2013    10     5     1605           1500        65     1857           1827
```

```
## # ... with 201 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
  # Departed between midnight and 6am (inclusive)
filter(flights, dep_time <= 600)
```

```
## # A tibble: 9,344 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 9,334 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
#How many flights have a missing dep_time
paste0(nrow(filter(flights, is.na(dep_time))), " flights have missing dep_time value")
```

```
## [1] "8255 flights have missing dep_time value"
```

```
# complete.cases gives TRUE when all values in a row are not NA
flights[!complete.cases(flights), ]
```

```
## # A tibble: 9,430 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1     1525           1530        -5     1934           1805
##  2  2013     1     1     1528           1459        29     2002           1647
##  3  2013     1     1     1740           1745        -5     2158           2020
##  4  2013     1     1     1807           1738        29     2251           2103
##  5  2013     1     1     1939           1840        59       29           2151
##  6  2013     1     1     1952           1930        22     2358           2207
##  7  2013     1     1     2016           1930        46       NA           2220
##  8  2013     1     1       NA           1630        NA       NA           1815
##  9  2013     1     1       NA           1935        NA       NA           2240
## 10  2013     1     1       NA           1500        NA       NA           1825
## # ... with 9,420 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# columns that have NA
colnames(flights[!complete.cases(flights), ])
```

```
##  [1] "year"           "month"          "day"            "dep_time"
##  [5] "sched_dep_time" "dep_delay"      "arr_time"       "sched_arr_time"
##  [9] "arr_delay"      "carrier"        "flight"         "tailnum"
## [13] "origin"         "dest"           "air_time"       "distance"
## [17] "hour"           "minute"         "time_hour"
```

```
?complete.cases

# Arrange rows by getting a set of column names (or more complicated expressions) to order by
arrange(flights, year, month, desc(day))
```

```
## # A tibble: 336,776 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1    31        1           2100       181      124           2225
##  2  2013     1    31        4           2359         5      455            444
##  3  2013     1    31        7           2359         8      453            437
##  4  2013     1    31       12           2250        82      132              7
##  5  2013     1    31       26           2154       152      328             50
##  6  2013     1    31       34           2159       155      135           2315
##  7  2013     1    31       37           2249       108      132           2357
##  8  2013     1    31       54           2250       124      152           2359
##  9  2013     1    31      453            500        -7      651            648
## 10  2013     1    31      522            525        -3      820            820
## # ... with 336,766 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# Missing values are always sorted at the end:
df <- tibble(x = c(5,2,NA))
arrange(df, x)
```

```
## # A tibble: 3 x 1
##       x
##   <dbl>
## 1     2
## 2     5
## 3    NA
```

```
# 5.3.1 Exercises

# Sort missing values in the start
arrange(df, desc(is.na(x)), x)
```

```
## # A tibble: 3 x 1
##       x
##   <dbl>
## 1    NA
## 2     2
## 3     5
```

```
# Sort flights to find the most delayed flights.
arrange(flights, desc(dep_delay))[1,]
```

```
## # A tibble: 1 x 19
##    year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##   <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
## 1  2013     1     9      641            900      1301     1242           1530
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```r
# Find the flights that left earliest.
arrange(flights, dep_time)[1,]
```

```
## # A tibble: 1 x 19
##    year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##   <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
## 1  2013     1    13        1           2249        72      108           2357
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```r
# Sort flights to find the fastest flights.
arrange(flights, distance/air_time)[1,]
```

```
## # A tibble: 1 x 19
##    year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##   <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
## 1  2013     1    28     1917           1825        52     2118           1935
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```r
#  Which travelled the shortest?
arrange(flights, distance)[1,]
```

```
## # A tibble: 1 x 19
##    year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##   <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
## 1  2013     7    27       NA            106        NA       NA            245
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```r
# Which flights travelled the farthest?
arrange(flights, desc(distance))[1,]
```

```
## # A tibble: 1 x 19
##    year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##   <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
## 1  2013     1     1      857            900        -3     1516           1530
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```r
library(nycflights13)
library(tidyverse)

select(flights, year, month, day)
```

```
## # A tibble: 336,776 x 3
##     year month   day
##    <int> <int> <int>
##  1  2013     1     1
##  2  2013     1     1
##  3  2013     1     1
##  4  2013     1     1
##  5  2013     1     1
```

```
##  6  2013     1     1
##  7  2013     1     1
##  8  2013     1     1
##  9  2013     1     1
## 10  2013     1     1
## # ... with 336,766 more rows
```

```
# Select all columns between year and day (inclusive)
select(flights, year:day)
```

```
## # A tibble: 336,776 x 3
##     year month   day
##    <int> <int> <int>
##  1  2013     1     1
##  2  2013     1     1
##  3  2013     1     1
##  4  2013     1     1
##  5  2013     1     1
##  6  2013     1     1
##  7  2013     1     1
##  8  2013     1     1
##  9  2013     1     1
## 10  2013     1     1
## # ... with 336,766 more rows
```

```
# Select all columns except those from year to day (inclusive)
select(flights, -(year:day))
```

```
## # A tibble: 336,776 x 16
##    dep_time sched_dep_time dep_delay arr_time sched_arr_time arr_delay carrier
##       <int>          <int>     <dbl>    <int>          <int>     <dbl> <chr>
##  1      517            515         2      830            819        11 UA
##  2      533            529         4      850            830        20 UA
##  3      542            540         2      923            850        33 AA
##  4      544            545        -1     1004           1022       -18 B6
##  5      554            600        -6      812            837       -25 DL
##  6      554            558        -4      740            728        12 UA
##  7      555            600        -5      913            854        19 B6
##  8      557            600        -3      709            723       -14 EV
##  9      557            600        -3      838            846        -8 B6
## 10      558            600        -2      753            745         8 AA
## # ... with 336,766 more rows, and 9 more variables: flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# select all columns whose name contains string "ela"
select(flights, contains("ela"))
```

```
## # A tibble: 336,776 x 2
##    dep_delay arr_delay
##        <dbl>     <dbl>
##  1         2        11
##  2         4        20
##  3         2        33
##  4        -1       -18
##  5        -6       -25
```

```
##  6        -4        12
##  7        -5        19
##  8        -3       -14
##  9        -3        -8
## 10        -2         8
## # ... with 336,766 more rows
```

```
# select all columns whose name ends with "_time"
select(flights, ends_with("_time"))
```

```
## # A tibble: 336,776 x 5
##    dep_time sched_dep_time arr_time sched_arr_time air_time
##       <int>          <int>    <int>          <int>    <dbl>
##  1      517            515      830            819      227
##  2      533            529      850            830      227
##  3      542            540      923            850      160
##  4      544            545     1004           1022      183
##  5      554            600      812            837      116
##  6      554            558      740            728      150
##  7      555            600      913            854      158
##  8      557            600      709            723       53
##  9      557            600      838            846      140
## 10      558            600      753            745      138
## # ... with 336,766 more rows
```

```
# rename a column
rename(flights, departure_time=dep_time, arrival_time = arr_time)
```

```
## # A tibble: 336,776 x 19
##     year month   day departure_time sched_dep_time dep_delay arrival_time
##    <int> <int> <int>          <int>          <int>     <dbl>        <int>
##  1  2013     1     1            517            515         2          830
##  2  2013     1     1            533            529         4          850
##  3  2013     1     1            542            540         2          923
##  4  2013     1     1            544            545        -1         1004
##  5  2013     1     1            554            600        -6          812
##  6  2013     1     1            554            558        -4          740
##  7  2013     1     1            555            600        -5          913
##  8  2013     1     1            557            600        -3          709
##  9  2013     1     1            557            600        -3          838
## 10  2013     1     1            558            600        -2          753
## # ... with 336,766 more rows, and 12 more variables: sched_arr_time <int>,
## #   arr_delay <dbl>, carrier <chr>, flight <int>, tailnum <chr>, origin <chr>,
## #   dest <chr>, air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>,
## #   time_hour <dttm>
```

```
#  handful of variables you'd like to move to the start of the data frame.
select(flights, dep_time, arr_time, sched_dep_time, sched_arr_time, everything())
```

```
## # A tibble: 336,776 x 19
##    dep_time arr_time sched_dep_time sched_arr_time  year month   day dep_delay
##       <int>    <int>          <int>          <int> <int> <int> <int>     <dbl>
##  1      517      830            515            819  2013     1     1         2
##  2      533      850            529            830  2013     1     1         4
##  3      542      923            540            850  2013     1     1         2
##  4      544     1004            545           1022  2013     1     1        -1
```

```
##  5      554      812            600            837  2013     1     1        -6
##  6      554      740            558            728  2013     1     1        -4
##  7      555      913            600            854  2013     1     1        -5
##  8      557      709            600            723  2013     1     1        -3
##  9      557      838            600            846  2013     1     1        -3
## 10      558      753            600            745  2013     1     1        -2
## # ... with 336,766 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# 5.4.1 Exercises

# Brainstorm as many ways as possible to select dep_time, dep_delay, arr_time, and arr_delay from fligh

select(flights, dep_time, dep_delay, arr_time, arr_delay)
```

```
## # A tibble: 336,776 x 4
##    dep_time dep_delay arr_time arr_delay
##       <int>     <dbl>    <int>     <dbl>
##  1      517         2      830        11
##  2      533         4      850        20
##  3      542         2      923        33
##  4      544        -1     1004       -18
##  5      554        -6      812       -25
##  6      554        -4      740        12
##  7      555        -5      913        19
##  8      557        -3      709       -14
##  9      557        -3      838        -8
## 10      558        -2      753         8
## # ... with 336,766 more rows
```

```
select(flights, starts_with("dep_") | starts_with("arr_"))
```

```
## # A tibble: 336,776 x 4
##    dep_time dep_delay arr_time arr_delay
##       <int>     <dbl>    <int>     <dbl>
##  1      517         2      830        11
##  2      533         4      850        20
##  3      542         2      923        33
##  4      544        -1     1004       -18
##  5      554        -6      812       -25
##  6      554        -4      740        12
##  7      555        -5      913        19
##  8      557        -3      709       -14
##  9      557        -3      838        -8
## 10      558        -2      753         8
## # ... with 336,766 more rows
```

```
select(flights, starts_with("dep_")  & (ends_with("_delay") | ends_with("_time"))
       | starts_with("arr_")  & (ends_with("_delay") | ends_with("_time")))
```

```
## # A tibble: 336,776 x 4
##    dep_delay dep_time arr_delay arr_time
##        <dbl>    <int>     <dbl>    <int>
##  1         2      517        11      830
##  2         4      533        20      850
```

```
##  3         2      542        33      923
##  4        -1      544       -18     1004
##  5        -6      554       -25      812
##  6        -4      554        12      740
##  7        -5      555        19      913
##  8        -3      557       -14      709
##  9        -3      557        -8      838
## 10        -2      558         8      753
## # ... with 336,766 more rows
```

```
# What happens if you include the name of a variable multiple times in a select() call?
select(flights, dep_time, dep_time, dep_time, arr_delay)
```

```
## # A tibble: 336,776 x 2
##    dep_time arr_delay
##       <int>     <dbl>
##  1      517        11
##  2      533        20
##  3      542        33
##  4      544       -18
##  5      554       -25
##  6      554        12
##  7      555        19
##  8      557       -14
##  9      557        -8
## 10      558         8
## # ... with 336,766 more rows
```

```
# What does the one_of() function do? Why might it be helpful in conjunction with this vector?
cols <- c("dep_time","XXX","dep_delay","ZZZ","QQQ","arr_delay")
select(flights, one_of(cols))
```

```
## Warning: Unknown columns: `XXX`, `ZZZ`, `QQQ`
```

```
## # A tibble: 336,776 x 3
##    dep_time dep_delay arr_delay
##       <int>     <dbl>     <dbl>
##  1      517         2        11
##  2      533         4        20
##  3      542         2        33
##  4      544        -1       -18
##  5      554        -6       -25
##  6      554        -4        12
##  7      555        -5        19
##  8      557        -3       -14
##  9      557        -3        -8
## 10      558        -2         8
## # ... with 336,766 more rows
```

```
# case insensetivity is surprising
select(flights, contains("TIME", ignore.case = F))
```

```
## # A tibble: 336,776 x 0
```

```
library(nycflights13)
library(tidyverse)
```

```
# mutate() always adds new columns at the end of your dataset so we'll start by creating a narrower dat

flights_small <- select(flights, year:day, ends_with("delay"), distance, air_time)
# view(flights_small)

flights_small
```

```
## # A tibble: 336,776 x 7
##     year month   day dep_delay arr_delay distance air_time
##    <int> <int> <int>     <dbl>     <dbl>    <dbl>    <dbl>
##  1  2013     1     1         2        11     1400      227
##  2  2013     1     1         4        20     1416      227
##  3  2013     1     1         2        33     1089      160
##  4  2013     1     1        -1       -18     1576      183
##  5  2013     1     1        -6       -25      762      116
##  6  2013     1     1        -4        12      719      150
##  7  2013     1     1        -5        19     1065      158
##  8  2013     1     1        -3       -14      229       53
##  9  2013     1     1        -3        -8      944      140
## 10  2013     1     1        -2         8      733      138
## # ... with 336,766 more rows
```

```
mutate(flights, gain = dep_delay - arr_delay, gain_per_hour = gain/hour,
       speed = distance/air_time *60)
```

```
## # A tibble: 336,776 x 22
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 336,766 more rows, and 14 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>,
## #   gain <dbl>, gain_per_hour <dbl>, speed <dbl>
```

```
# If you only want to keep the new variables, use transmute()
transmute(flights, gain = dep_delay - arr_delay, gain_per_hour = gain/hour,
       speed = distance/air_time *60)
```

```
## # A tibble: 336,776 x 3
##     gain gain_per_hour speed
##    <dbl>         <dbl> <dbl>
##  1    -9        -1.8    370.
##  2   -16        -3.2    374.
##  3   -31        -6.2    408.
##  4    17         3.4    517.
##  5    19         3.17   394.
```

```
##  6   -16        -3.2    288.
##  7   -24        -4      404.
##  8    11         1.83   259.
##  9     5         0.833  405.
## 10   -10        -1.67   319.
## # ... with 336,766 more rows
```

```
# function must be vectorised to be able to use in mutate

# Modular arithmetic: %/% (integer division) and %% (remainder) are vectorized
transmute(flights, hour = dep_time %/% 100, min = dep_time %% 100)
```

```
## # A tibble: 336,776 x 2
##     hour   min
##    <dbl> <dbl>
##  1     5    17
##  2     5    33
##  3     5    42
##  4     5    44
##  5     5    54
##  6     5    54
##  7     5    55
##  8     5    57
##  9     5    57
## 10     5    58
## # ... with 336,766 more rows
```

```
# log() functions are also vectorize
transmute(flights, gain = dep_delay - arr_delay, gain_per_hour = gain/hour, logOfGain = log2(gain_per_h
```

```
## Warning: NaNs produced
```

```
## # A tibble: 336,776 x 3
##     gain gain_per_hour logOfGain
##    <dbl>         <dbl>     <dbl>
##  1    -9        -1.8     NaN
##  2   -16        -3.2     NaN
##  3   -31        -6.2     NaN
##  4    17         3.4       1.77
##  5    19         3.17      1.66
##  6   -16        -3.2     NaN
##  7   -24        -4       NaN
##  8    11         1.83      0.874
##  9     5         0.833    -0.263
## 10   -10        -1.67    NaN
## # ... with 336,766 more rows
```

```
# lead() and lag() allows you to compute running differences (e.g. x - lag(x)) or
# find when values change (x != lag(x)).

(x <- 1:10)
```

```
##  [1]  1  2  3  4  5  6  7  8  9 10
```

```
lag(x)
```

```
##  [1] NA  1  2  3  4  5  6  7  8  9
```

```
lead(x)
```

```
##  [1]  2  3  4  5  6  7  8  9 10 NA
```

```
transmute(flights, dest, lag(dest), lead(dest))
```

```
## # A tibble: 336,776 x 3
##    dest  `lag(dest)` `lead(dest)`
##    <chr> <chr>       <chr>
##  1 IAH   <NA>        IAH
##  2 IAH   IAH         MIA
##  3 MIA   IAH         BQN
##  4 BQN   MIA         ATL
##  5 ATL   BQN         ORD
##  6 ORD   ATL         FLL
##  7 FLL   ORD         IAD
##  8 IAD   FLL         MCO
##  9 MCO   IAD         ORD
## 10 ORD   MCO         PBI
## # ... with 336,766 more rows
```

```
# Cumulative and rolling aggregates (i.e. a sum computed over a rolling window):
# R => cumsum(), cumprod(), cummin(), cummax();
(x <- 1:10)
```

```
##  [1]  1  2  3  4  5  6  7  8  9 10
```

```
cumsum(x)
```

```
##  [1]  1  3  6 10 15 21 28 36 45 55
```

```
cumprod(x)
```

```
##  [1]       1       2       6      24     120     720    5040   40320  362880
## [10] 3628800
```

```
cummin(x)
```

```
##  [1] 1 1 1 1 1 1 1 1 1 1
```

```
cummax(x)
```

```
##  [1]  1  2  3  4  5  6  7  8  9 10
```

```
# dplyr => cummean() for cumulative means
cummean(x)
```

```
##  [1] 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0 5.5
```

```
# For Rolling aggregates use RcppRoll package
x <- matrix(rnorm(100),nrow=50,ncol=2)
x
```

```
##               [,1]        [,2]
##  [1,] -1.835538806 -0.19588806
##  [2,] -0.995094242  0.19889438
##  [3,] -0.805708344  0.01573713
##  [4,]  2.291456840 -0.70545136
##  [5,]  1.046877337 -0.83440404
##  [6,] -0.400567838  1.61386335
```

```
##  [7,]  0.815780312 -0.88864986
##  [8,] -0.531020147 -1.12453819
##  [9,]  0.347944951 -0.60092375
## [10,] -0.587936640 -0.22891677
## [11,]  1.331525653 -1.68588588
## [12,] -0.580389245 -0.18084834
## [13,]  0.114246336 -0.16783634
## [14,] -0.083564515 -0.34892504
## [15,] -0.759319173 -0.74285475
## [16,] -0.117122526 -0.75508601
## [17,] -0.774132793  1.30488277
## [18,] -0.455159767  0.71590541
## [19,]  0.600934668  0.16180822
## [20,]  0.418284338 -1.01164876
## [21,] -0.359577733  2.10537041
## [22,]  1.512871290  0.39790652
## [23,] -0.217475276 -1.21724081
## [24,] -0.008593193  0.10662112
## [25,]  0.994409208  0.92646612
## [26,] -0.730699945  0.40471204
## [27,] -1.000025947  0.22320365
## [28,] -0.431509963 -1.05106630
## [29,] -0.638292022 -0.83368163
## [30,] -0.268937167  0.57385048
## [31,] -0.818607687 -2.15105321
## [32,]  0.115197566  0.03116066
## [33,]  0.236030024 -0.06028164
## [34,]  1.654489661  0.37774571
## [35,]  0.601362037  0.42165852
## [36,] -0.752325925 -0.19330858
## [37,]  1.135889554  0.08961284
## [38,] -0.432015604  1.42742670
## [39,]  0.650477717  0.02779052
## [40,] -1.012117879 -1.08854359
## [41,]  1.081670357 -1.58618021
## [42,] -0.091414475 -0.65627870
## [43,]  0.776344346  0.07342349
## [44,] -1.351838771  1.46903119
## [45,] -0.065973032 -0.07909102
## [46,] -1.096687677 -1.37663822
## [47,]  0.412889757 -1.62209952
## [48,]  0.194058993 -1.66604939
## [49,] -0.815735881  0.89759677
## [50,] -1.042139932  1.06565147
```

```
RcppRoll::roll_sum(x,12)
```

```
##              [,1]       [,2]
##  [1,]  0.09732983 -4.6170114
##  [2,]  2.04711497 -4.5889597
##  [3,]  2.95864470 -5.1367791
##  [4,]  3.00503387 -5.8953710
##  [5,]  0.59645450 -5.9450056
##  [6,] -1.22455563 -3.8057188
##  [7,] -1.27914755 -4.7036768
```

```
##  [8,] -1.49399320 -3.6532187
##  [9,] -0.54468871 -3.5403293
## [10,] -1.25221140 -0.8340351
## [11,]  0.84859653 -0.2072118
## [12,] -0.70040440  0.2614333
## [13,] -0.12860834  0.5489027
## [14,]  0.75155453  1.6432052
## [15,]  0.10441910  2.3968423
## [16,] -0.13628768  3.3629007
## [17,] -0.45067511  3.0669204
## [18,] -0.31483434  0.9283560
## [19,] -0.12861174  0.7863010
## [20,] -1.54815410 -1.5265604
## [21,] -1.85124087 -0.4837510
## [22,] -1.25563311 -2.6494030
## [23,] -1.11401474 -2.6695638
## [24,] -0.29517743 -1.0306645
## [25,] -1.03891016 -1.3305942
## [26,] -0.89742982 -2.1674475
## [27,] -0.59874547 -1.1447328
## [28,]  1.05175819 -1.3401459
## [29,]  0.47115027 -1.3776232
## [30,]  2.19111265 -2.1301218
## [31,]  2.36863535 -3.3602510
## [32,]  3.96358738 -1.1357743
## [33,]  2.49655104  0.3020963
## [34,]  2.19454799  0.2832869
## [35,] -0.55662935 -1.4710970
## [36,] -0.74510163 -3.5148551
## [37,]  0.20128329 -4.9875959
## [38,] -1.75034215 -4.1796120
## [39,] -2.36046647 -4.5413872
```

```
# ranking (basically report the indices of elements if they were sorted, NA and INF goes to the end)
x <- c(5, 1, 3,Inf, 2, 2, NA) # => (1,2,2,3,5,Inf,NA)
row_number(x)
```

```
## [1]  5  1  4  6  2  3 NA
```

```
min_rank(x)
```

```
## [1]  5  1  4  6  2  2 NA
```

```
dense_rank(x)
```

```
## [1]  4  1  3  5  2  2 NA
```

```
percent_rank(x) # a number between 0 and 1 computed by rescaling min_rank to [0, 1]
```

```
## [1] 0.8 0.0 0.6 1.0 0.2 0.2  NA
```

```
cume_dist(x)  #a cumulative distribution function. Proportion of all values less than or equal to the c
```

```
## [1] 0.8333333 0.1666667 0.6666667 1.0000000 0.5000000 0.5000000        NA
```

```
# ntile creates a rough rank, which breaks the input vector into n buckets
ntile(x, 2)
```

```
## [1]  2  1  2  2  1  1 NA
```

```
ntile(runif(100), 10)
```

```
##   [1]  9  9  4  7  3  1  2  6  1 10 10  3 10  4  1  8  9  5  7 10  4  6  1  8  7
##  [26]  7  2  3  7  3 10  8  1  7  9  6  5  5  6  5  8  7 10  8  2  9  9  6 10  7
##  [51]  4  6  1  3  9  4  4  7  3  3  2  3  5  6  9  9  9  2  2  6  8  2 10  1  1
##  [76]  5  1  4  4 10  8  3  6  4  1  6  8  7  5 10  3  5  4  8  2  5  2  5  2  8
```

```
# 5.5.2 Exercises

# Convert dep_time and sched_dep_time to a more convenient representation of number of minutes since mi

#flights[order(flights$dep_time, na.last = T,decreasing = T), ]
flights1 <- mutate(flights, dep_time_minute = (dep_time%/%100) * 60 + dep_time%%100, sched_dep_time_minu
select (flights1,year,month, day,dep_time, dep_time_minute, sched_dep_time, sched_dep_time_minute, every
```

```
## # A tibble: 336,776 x 21
##     year month   day dep_time dep_time_minute sched_dep_time sched_dep_time_~
##    <int> <int> <int>    <int>           <dbl>          <int>             <dbl>
##  1  2013     1     1      517             317            515               315
##  2  2013     1     1      533             333            529               329
##  3  2013     1     1      542             342            540               340
##  4  2013     1     1      544             344            545               345
##  5  2013     1     1      554             354            600               360
##  6  2013     1     1      554             354            558               358
##  7  2013     1     1      555             355            600               360
##  8  2013     1     1      557             357            600               360
##  9  2013     1     1      557             357            600               360
## 10  2013     1     1      558             358            600               360
## # ... with 336,766 more rows, and 14 more variables: dep_delay <dbl>,
## #   arr_time <int>, sched_arr_time <int>, arr_delay <dbl>, carrier <chr>,
## #   flight <int>, tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>,
## #   distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# Compare air_time with arr_time - dep_time. What do you expect to see? What do you see? What do you ne
fixed_air_time_flights <- transmute (flights, arr_time, dep_time, air_time, fixed_air_time_minute = abs
fixed_air_time_flights[order(fixed_air_time_flights$fixed_air_time), ]
```

```
## # A tibble: 336,776 x 5
##    arr_time dep_time air_time fixed_air_time_minute fixed_air_time
##       <int>    <int>    <dbl>                <dbl>          <dbl>
##  1     1206     1133       23                   33             33
##  2     1358     1323       23                   35             35
##  3     1347     1312       23                   35             35
##  4     1238     1203       21                   35             35
##  5     1531     1455       22                   36             36
##  6      758      722       22                   36             36
##  7      758      722       22                   36             36
##  8      754      718       24                   36             36
##  9     1403     1326       22                   37             37
## 10     1533     1456       21                   37             37
## # ... with 336,766 more rows
```

```
filter(fixed_air_time_flights, arr_time <= dep_time)
```

```
## # A tibble: 10,633 x 5
##    arr_time dep_time air_time fixed_air_time_minute fixed_air_time
```

```
##       <int>    <int>    <dbl>                <dbl>          <dbl>
##  1        3     1929      192                 1166           1926
##  2       29     1939       NA                 1150           1910
##  3        8     2058      159                 1250           2050
##  4      146     2102      199                 1156           1916
##  5       25     2108      354                 1243           2043
##  6       16     2120      160                 1264           2104
##  7        6     2121      143                 1275           2115
##  8       26     2128      338                 1262           2102
##  9       20     2134      152                 1274           2114
## 10       25     2136      154                 1271           2111
## # ... with 10,623 more rows
```

```
# Compare dep_time, sched_dep_time, and dep_delay. How would you expect those three numbers to be relat
transmute(flights, dep_time, sched_dep_time, dep_delay, dep_delay_fixed =  dep_time - sched_dep_time )
```

```
## # A tibble: 336,776 x 4
##    dep_time sched_dep_time dep_delay dep_delay_fixed
##       <int>          <int>     <dbl>           <int>
##  1      517            515         2               2
##  2      533            529         4               4
##  3      542            540         2               2
##  4      544            545        -1              -1
##  5      554            600        -6             -46
##  6      554            558        -4              -4
##  7      555            600        -5             -45
##  8      557            600        -3             -43
##  9      557            600        -3             -43
## 10      558            600        -2             -42
## # ... with 336,766 more rows
```

```
# Find the 10 most delayed flights using a ranking function. How do you want to handle ties? Carefully
filter (flights , min_rank(desc(dep_delay)) <= 10)
```

```
## # A tibble: 10 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     9      641            900      1301     1242           1530
##  2  2013     1    10     1121           1635      1126     1239           1810
##  3  2013    12     5      756           1700       896     1058           2020
##  4  2013     3    17     2321            810       911      135           1020
##  5  2013     4    10     1100           1900       960     1342           2211
##  6  2013     6    15     1432           1935      1137     1607           2120
##  7  2013     6    27      959           1900       899     1236           2226
##  8  2013     7    22      845           1600      1005     1044           1815
##  9  2013     7    22     2257            759       898      121           1026
## 10  2013     9    20     1139           1845      1014     1457           2210
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
flights[order(flights$dep_delay, decreasing = T), ]
```

```
## # A tibble: 336,776 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
```

```
##  1  2013     1     9      641            900      1301     1242           1530
##  2  2013     6    15     1432           1935      1137     1607           2120
##  3  2013     1    10     1121           1635      1126     1239           1810
##  4  2013     9    20     1139           1845      1014     1457           2210
##  5  2013     7    22      845           1600      1005     1044           1815
##  6  2013     4    10     1100           1900       960     1342           2211
##  7  2013     3    17     2321            810       911      135           1020
##  8  2013     6    27      959           1900       899     1236           2226
##  9  2013     7    22     2257            759       898      121           1026
## 10  2013    12     5      756           1700       896     1058           2020
## # ... with 336,766 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
library(nycflights13)
library(tidyverse)

# summarize() with group_by() changes the unit of analysis from the complete dataset to individual grou
# Then, when you use the dplyr verbs on a grouped data frame they'll be automatically applied "by group

(by_day <- group_by(flights, year, month, day))
```

```
## # A tibble: 336,776 x 19
## # Groups:   year, month, day [365]
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 336,766 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
str(attributes(by_day))
```

```
## List of 4
##  $ names    : chr [1:19] "year" "month" "day" "dep_time" ...
##  $ row.names: int [1:336776] 1 2 3 4 5 6 7 8 9 10 ...
##  $ class    : chr [1:4] "grouped_df" "tbl_df" "tbl" "data.frame"
##  $ groups   : tibble [365 x 4] (S3: tbl_df/tbl/data.frame)
##   ..$ year : int [1:365] 2013 2013 2013 2013 2013 2013 2013 2013 2013 2013 ...
##   ..$ month: int [1:365] 1 1 1 1 1 1 1 1 1 1 ...
##   ..$ day  : int [1:365] 1 2 3 4 5 6 7 8 9 10 ...
##   ..$ .rows:List of 365
##   .. ..$ : int [1:842] 1 2 3 4 5 6 7 8 9 10 ...
##   .. ..$ : int [1:943] 843 844 845 846 847 848 849 850 851 852 ...
##   .. ..$ : int [1:914] 1786 1787 1788 1789 1790 1791 1792 1793 1794 1795 ...
##   .. ..$ : int [1:915] 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 ...
```

```
##   .. ..$ : int [1:720] 3615 3616 3617 3618 3619 3620 3621 3622 3623 3624 ...
##   .. ..$ : int [1:832] 4335 4336 4337 4338 4339 4340 4341 4342 4343 4344 ...
##   .. ..$ : int [1:933] 5167 5168 5169 5170 5171 5172 5173 5174 5175 5176 ...
##   .. ..$ : int [1:899] 6100 6101 6102 6103 6104 6105 6106 6107 6108 6109 ...
##   .. ..$ : int [1:902] 6999 7000 7001 7002 7003 7004 7005 7006 7007 7008 ...
##   .. ..$ : int [1:932] 7901 7902 7903 7904 7905 7906 7907 7908 7909 7910 ...
##   .. ..$ : int [1:930] 8833 8834 8835 8836 8837 8838 8839 8840 8841 8842 ...
##   .. ..$ : int [1:690] 9763 9764 9765 9766 9767 9768 9769 9770 9771 9772 ...
##   .. ..$ : int [1:828] 10453 10454 10455 10456 10457 10458 10459 10460 10461 10462 ...
##   .. ..$ : int [1:928] 11281 11282 11283 11284 11285 11286 11287 11288 11289 11290 ...
##   .. ..$ : int [1:894] 12209 12210 12211 12212 12213 12214 12215 12216 12217 12218 ...
##   .. ..$ : int [1:901] 13103 13104 13105 13106 13107 13108 13109 13110 13111 13112 ...
##   .. ..$ : int [1:927] 14004 14005 14006 14007 14008 14009 14010 14011 14012 14013 ...
##   .. ..$ : int [1:924] 14931 14932 14933 14934 14935 14936 14937 14938 14939 14940 ...
##   .. ..$ : int [1:674] 15855 15856 15857 15858 15859 15860 15861 15862 15863 15864 ...
##   .. ..$ : int [1:786] 16529 16530 16531 16532 16533 16534 16535 16536 16537 16538 ...
##   .. ..$ : int [1:912] 17315 17316 17317 17318 17319 17320 17321 17322 17323 17324 ...
##   .. ..$ : int [1:890] 18227 18228 18229 18230 18231 18232 18233 18234 18235 18236 ...
##   .. ..$ : int [1:897] 19117 19118 19119 19120 19121 19122 19123 19124 19125 19126 ...
##   .. ..$ : int [1:925] 20014 20015 20016 20017 20018 20019 20020 20021 20022 20023 ...
##   .. ..$ : int [1:922] 20939 20940 20941 20942 20943 20944 20945 20946 20947 20948 ...
##   .. ..$ : int [1:680] 21861 21862 21863 21864 21865 21866 21867 21868 21869 21870 ...
##   .. ..$ : int [1:823] 22541 22542 22543 22544 22545 22546 22547 22548 22549 22550 ...
##   .. ..$ : int [1:923] 23364 23365 23366 23367 23368 23369 23370 23371 23372 23373 ...
##   .. ..$ : int [1:890] 24287 24288 24289 24290 24291 24292 24293 24294 24295 24296 ...
##   .. ..$ : int [1:900] 25177 25178 25179 25180 25181 25182 25183 25184 25185 25186 ...
##   .. ..$ : int [1:928] 26077 26078 26079 26080 26081 26082 26083 26084 26085 26086 ...
##   .. ..$ : int [1:926] 111297 111298 111299 111300 111301 111302 111303 111304 111305 111306 ...
##   .. ..$ : int [1:682] 112223 112224 112225 112226 112227 112228 112229 112230 112231 112232 ...
##   .. ..$ : int [1:814] 112905 112906 112907 112908 112909 112910 112911 112912 112913 112914 ...
##   .. ..$ : int [1:932] 113719 113720 113721 113722 113723 113724 113725 113726 113727 113728 ...
##   .. ..$ : int [1:896] 114651 114652 114653 114654 114655 114656 114657 114658 114659 114660 ...
##   .. ..$ : int [1:901] 115547 115548 115549 115550 115551 115552 115553 115554 115555 115556 ...
##   .. ..$ : int [1:932] 116448 116449 116450 116451 116452 116453 116454 116455 116456 116457 ...
##   .. ..$ : int [1:930] 117380 117381 117382 117383 117384 117385 117386 117387 117388 117389 ...
##   .. ..$ : int [1:684] 118310 118311 118312 118313 118314 118315 118316 118317 118318 118319 ...
##   .. ..$ : int [1:829] 118994 118995 118996 118997 118998 118999 119000 119001 119002 119003 ...
##   .. ..$ : int [1:929] 119823 119824 119825 119826 119827 119828 119829 119830 119831 119832 ...
##   .. ..$ : int [1:893] 120752 120753 120754 120755 120756 120757 120758 120759 120760 120761 ...
##   .. ..$ : int [1:918] 121645 121646 121647 121648 121649 121650 121651 121652 121653 121654 ...
##   .. ..$ : int [1:956] 122563 122564 122565 122566 122567 122568 122569 122570 122571 122572 ...
##   .. ..$ : int [1:954] 123519 123520 123521 123522 123523 123524 123525 123526 123527 123528 ...
##   .. ..$ : int [1:738] 124473 124474 124475 124476 124477 124478 124479 124480 124481 124482 ...
##   .. ..$ : int [1:848] 125211 125212 125213 125214 125215 125216 125217 125218 125219 125220 ...
##   .. ..$ : int [1:948] 126059 126060 126061 126062 126063 126064 126065 126066 126067 126068 ...
##   .. ..$ : int [1:943] 127007 127008 127009 127010 127011 127012 127013 127014 127015 127016 ...
##   .. ..$ : int [1:949] 127950 127951 127952 127953 127954 127955 127956 127957 127958 127959 ...
##   .. ..$ : int [1:961] 128899 128900 128901 128902 128903 128904 128905 128906 128907 128908 ...
##   .. ..$ : int [1:957] 129860 129861 129862 129863 129864 129865 129866 129867 129868 129869 ...
##   .. ..$ : int [1:743] 130817 130818 130819 130820 130821 130822 130823 130824 130825 130826 ...
##   .. ..$ : int [1:880] 131560 131561 131562 131563 131564 131565 131566 131567 131568 131569 ...
##   .. ..$ : int [1:961] 132440 132441 132442 132443 132444 132445 132446 132447 132448 132449 ...
##   .. ..$ : int [1:938] 133401 133402 133403 133404 133405 133406 133407 133408 133409 133410 ...
##   .. ..$ : int [1:945] 134339 134340 134341 134342 134343 134344 134345 134346 134347 134348 ...
```

```
##   .. ..$ : int [1:964] 135284 135285 135286 135287 135288 135289 135290 135291 135292 135293 ...
##   .. ..$ : int [1:958] 136248 136249 136250 136251 136252 136253 136254 136255 136256 136257 ...
##   .. ..$ : int [1:765] 137206 137207 137208 137209 137210 137211 137212 137213 137214 137215 ...
##   .. ..$ : int [1:913] 137971 137972 137973 137974 137975 137976 137977 137978 137979 137980 ...
##   .. ..$ : int [1:977] 138884 138885 138886 138887 138888 138889 138890 138891 138892 138893 ...
##   .. ..$ : int [1:965] 139861 139862 139863 139864 139865 139866 139867 139868 139869 139870 ...
##   .. ..$ : int [1:972] 140826 140827 140828 140829 140830 140831 140832 140833 140834 140835 ...
##   .. ..$ : int [1:980] 141798 141799 141800 141801 141802 141803 141804 141805 141806 141807 ...
##   .. ..$ : int [1:979] 142778 142779 142780 142781 142782 142783 142784 142785 142786 142787 ...
##   .. ..$ : int [1:765] 143757 143758 143759 143760 143761 143762 143763 143764 143765 143766 ...
##   .. ..$ : int [1:908] 144522 144523 144524 144525 144526 144527 144528 144529 144530 144531 ...
##   .. ..$ : int [1:980] 145430 145431 145432 145433 145434 145435 145436 145437 145438 145439 ...
##   .. ..$ : int [1:966] 146410 146411 146412 146413 146414 146415 146416 146417 146418 146419 ...
##   .. ..$ : int [1:974] 147376 147377 147378 147379 147380 147381 147382 147383 147384 147385 ...
##   .. ..$ : int [1:982] 148350 148351 148352 148353 148354 148355 148356 148357 148358 148359 ...
##   .. ..$ : int [1:979] 149332 149333 149334 149335 149336 149337 149338 149339 149340 149341 ...
##   .. ..$ : int [1:767] 150311 150312 150313 150314 150315 150316 150317 150318 150319 150320 ...
##   .. ..$ : int [1:907] 151078 151079 151080 151081 151082 151083 151084 151085 151086 151087 ...
##   .. ..$ : int [1:981] 151985 151986 151987 151988 151989 151990 151991 151992 151993 151994 ...
##   .. ..$ : int [1:967] 152966 152967 152968 152969 152970 152971 152972 152973 152974 152975 ...
##   .. ..$ : int [1:970] 153933 153934 153935 153936 153937 153938 153939 153940 153941 153942 ...
##   .. ..$ : int [1:980] 154903 154904 154905 154906 154907 154908 154909 154910 154911 154912 ...
##   .. ..$ : int [1:977] 155883 155884 155885 155886 155887 155888 155889 155890 155891 155892 ...
##   .. ..$ : int [1:767] 156860 156861 156862 156863 156864 156865 156866 156867 156868 156869 ...
##   .. ..$ : int [1:905] 157627 157628 157629 157630 157631 157632 157633 157634 157635 157636 ...
##   .. ..$ : int [1:978] 158532 158533 158534 158535 158536 158537 158538 158539 158540 158541 ...
##   .. ..$ : int [1:973] 159510 159511 159512 159513 159514 159515 159516 159517 159518 159519 ...
##   .. ..$ : int [1:977] 160483 160484 160485 160486 160487 160488 160489 160490 160491 160492 ...
##   .. ..$ : int [1:982] 161460 161461 161462 161463 161464 161465 161466 161467 161468 161469 ...
##   .. ..$ : int [1:974] 162442 162443 162444 162445 162446 162447 162448 162449 162450 162451 ...
##   .. ..$ : int [1:769] 163416 163417 163418 163419 163420 163421 163422 163423 163424 163425 ...
##   .. ..$ : int [1:897] 164185 164186 164187 164188 164189 164190 164191 164192 164193 164194 ...
##   .. ..$ : int [1:970] 165082 165083 165084 165085 165086 165087 165088 165089 165090 165091 ...
##   .. ..$ : int [1:983] 166052 166053 166054 166055 166056 166057 166058 166059 166060 166061 ...
##   .. ..$ : int [1:992] 167035 167036 167037 167038 167039 167040 167041 167042 167043 167044 ...
##   .. ..$ : int [1:985] 168027 168028 168029 168030 168031 168032 168033 168034 168035 168036 ...
##   .. ..$ : int [1:981] 169012 169013 169014 169015 169016 169017 169018 169019 169020 169021 ...
##   .. ..$ : int [1:770] 169993 169994 169995 169996 169997 169998 169999 170000 170001 170002 ...
##   .. ..$ : int [1:911] 170763 170764 170765 170766 170767 170768 170769 170770 170771 170772 ...
##   .. ..$ : int [1:981] 171674 171675 171676 171677 171678 171679 171680 171681 171682 171683 ...
##   .. ..$ : int [1:975] 172655 172656 172657 172658 172659 172660 172661 172662 172663 172664 ...
##   .. .. [list output truncated]
##   ..- attr(*, ".drop")= logi TRUE
```

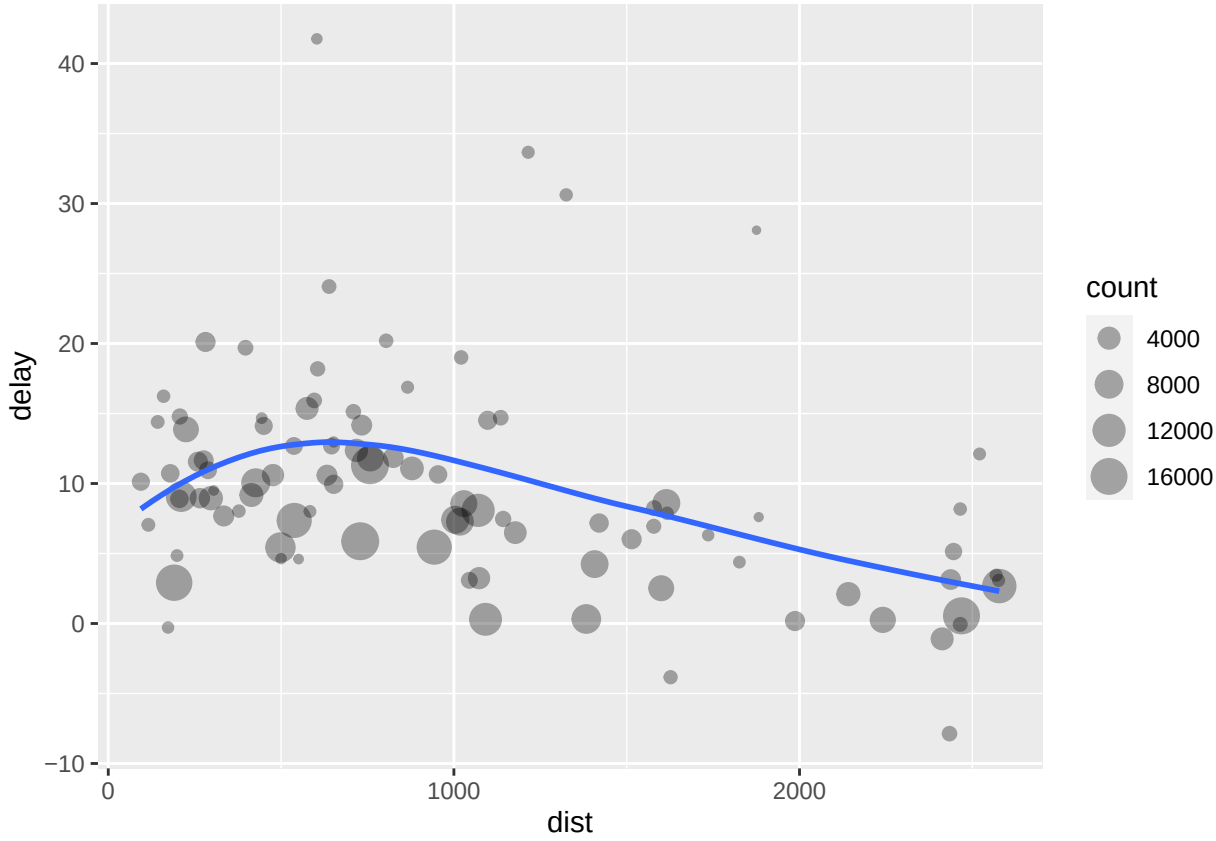
```
# delay by day
summarise(by_day, delay = mean(dep_delay, na.rm = T))
```

```
## # A tibble: 365 x 4
## # Groups:   year, month [12]
##     year month   day delay
##    <int> <int> <int> <dbl>
##  1  2013     1     1 11.5
##  2  2013     1     2 13.9
##  3  2013     1     3 11.0
##  4  2013     1     4  8.95
```

```
##  5  2013     1     5  5.73
##  6  2013     1     6  7.15
##  7  2013     1     7  5.42
##  8  2013     1     8  2.55
##  9  2013     1     9  2.28
## 10  2013     1    10  2.84
## # ... with 355 more rows
```

```
library(nycflights13)
library(tidyverse)


# Explore the relationship between the distance and average delay for each location
delay <- flights %>%
  group_by(dest) %>%
  summarise(count = n(), dist = mean(distance, na.rm = T), delay = mean(arr_delay, na.rm = T)) %>%
  filter(count > 20 & dest != "HNL")

ggplot(data = delay, mapping = aes(x = dist, y = delay))+
  geom_point(aes(size=count), alpha=1/3)+
  geom_smooth(se=F)
```

```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```




```
# compare it with:
# by_destination <- group_by(flights, dest)
# (avgDelayByDest <- summarise(by_destination, count = n(), dist = mean(distance, na.rm = T), delay = m
# (delay <- filter(avgDelayByDest, count > 20 & dest != "HNL"))
```

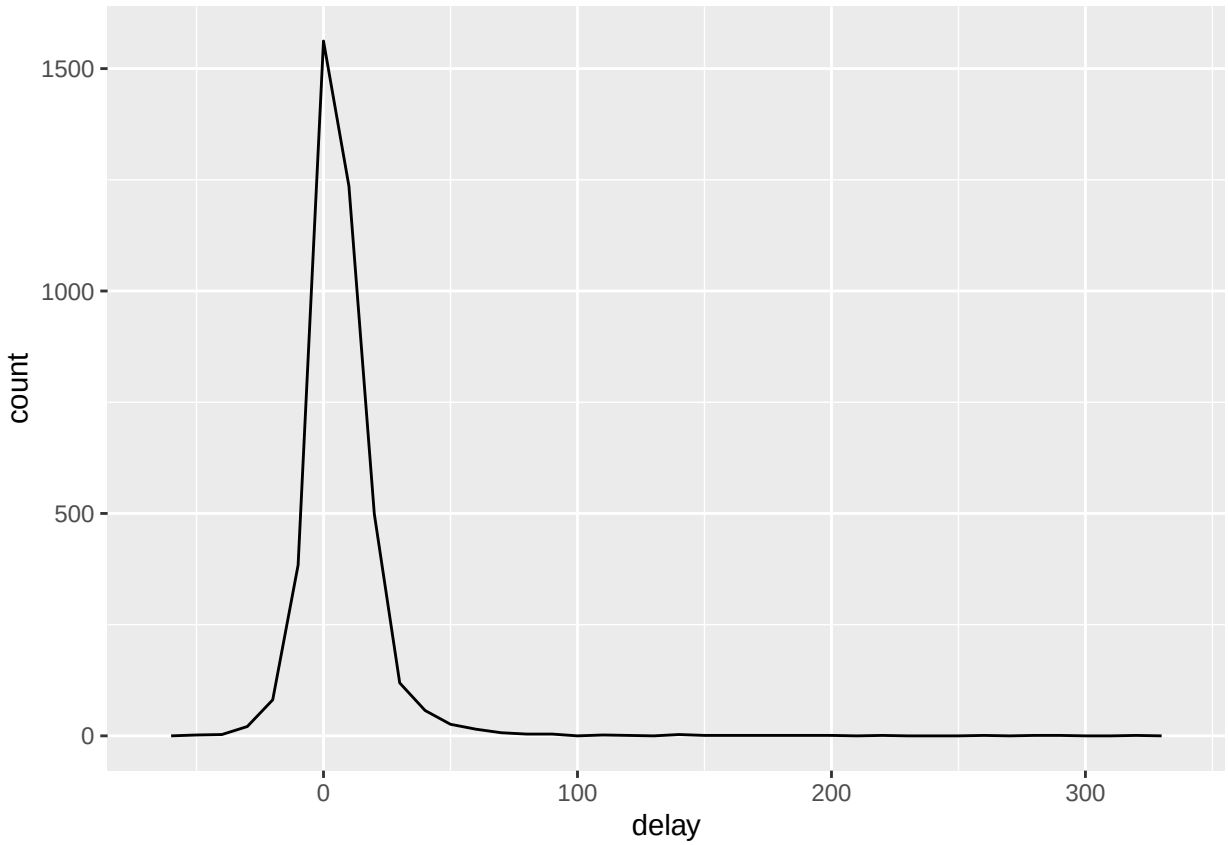
```r
library(nycflights13)
library(tidyverse)

# count missing values in arr_delay
missing_arr_delay <- flights %>%
  filter(is.na(arr_delay) | is.na(dep_delay)) %>%
  group_by(arr_delay) %>%
  summarise(count = n())

sprintf("Number of records with missing arr_delay or dep_delay: %d",missing_arr_delay$count)
```

```
## [1] "Number of records with missing arr_delay or dep_delay: 9430"
```

```r
# Remove records with missing arr_delay or dep_delay
(not_cancelled <- flights %>%
  filter(!is.na(arr_delay) & !is.na(dep_delay))
)
```

```
## # A tibble: 327,346 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 327,336 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```r
# let's look at the planes (identified by their tail number) that have the highest average delays:

delays <- not_cancelled %>%
  group_by(tailnum) %>%
  summarise(delay = mean(arr_delay))

ggplot(data = delays, mapping = aes(x = delay)) +
  geom_freqpoly(binwidth = 10)
```

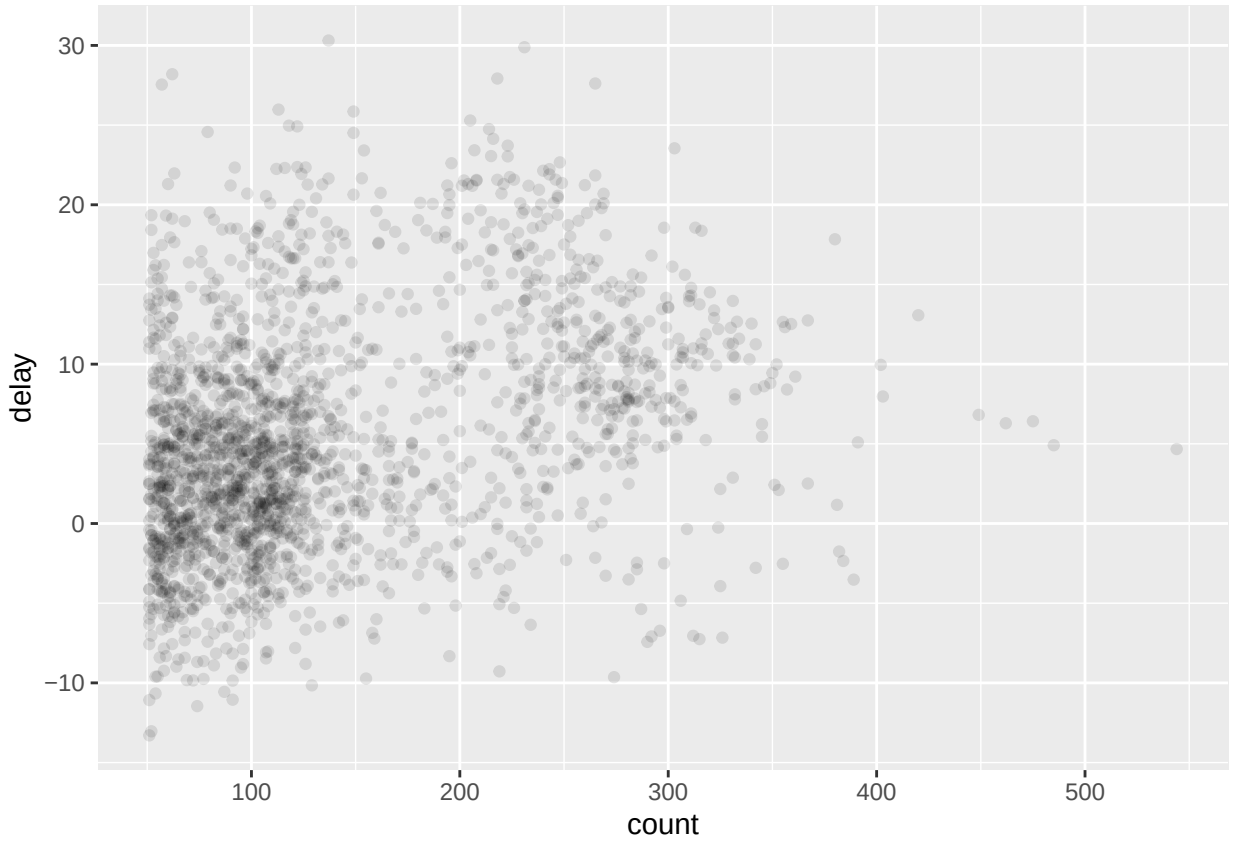



```
# Wow, there are some planes that have an average delay of 5 hours (300 minutes)!
# Let's draw a scatterplot of number of flights vs. average delay:

(delays1 <- not_cancelled %>%
  group_by(tailnum) %>%
  summarise(count = n(), delay = mean (arr_delay))
)
```

```
## # A tibble: 4,037 x 3
##    tailnum count  delay
##    <chr>   <int>  <dbl>
##  1 D942DN      4 31.5
##  2 N0EGMQ    352  9.98
##  3 N10156    145 12.7
##  4 N102UW     48  2.94
##  5 N103US     46 -6.93
##  6 N104UW     46  1.80
##  7 N10575    269 20.7
##  8 N105UW     45 -0.267
##  9 N107US     41 -5.73
## 10 N108UW     60 -1.25
## # ... with 4,027 more rows
```

```
# filter(delays1 , is.na(delay) | is.na(count))
delays1 %>%
  # it's often useful to filter out the groups with the smallest numbers of observations to see pattern
  filter (count > 50) %>%
  ggplot(mapping = aes(x=count, y=delay))+
```

```
  geom_point(alpha=1/10)
```

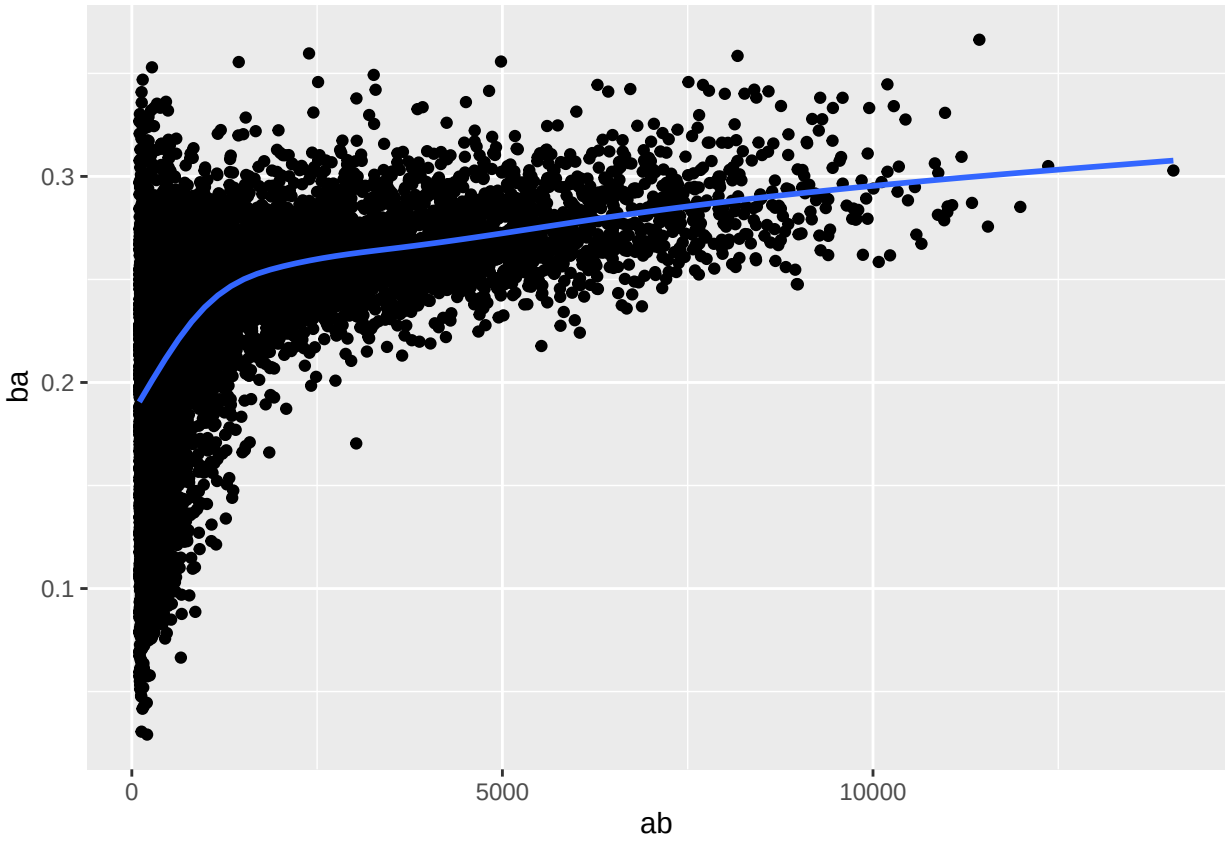



```
# ANORTHER EXAMPLE:
# When I plot the skill of the batter (measured by the batting average, ba) against the number of oppor
# (measured by at bat, ab), you see two patterns:

batting <- as_tibble(Lahman::Batting)
(batters <- batting %>%
  group_by(playerID) %>%
  summarise(ba = sum(H, na.rm = T)/sum(AB, na.rm = T), ab = sum(AB, na.rm = T))
)
```

```
## # A tibble: 19,428 x 3
##    playerID      ba    ab
##    <chr>      <dbl> <int>
##  1 aardsda01 0          4
##  2 aaronha01 0.305  12364
##  3 aaronto01 0.229    944
##  4 aasedo01  0          5
##  5 abadan01  0.0952    21
##  6 abadfe01  0.111      9
##  7 abadijo01 0.224     49
##  8 abbated01 0.254   3044
##  9 abbeybe01 0.169    225
## 10 abbeych01 0.281   1756
## # ... with 19,418 more rows
```

```
# Variation in our aggregate decreases as we get more data points.
# There's a positive correlation between skill (ba) and opportunities to hit the ball (ab).

batters %>%
 filter (ab > 100) %>%
  ggplot(mapping = aes(x=ab, y = ba)) +
  geom_point()+
  geom_smooth(se=F)
```

```
## `geom_smooth()` using method = 'gam' and formula 'y ~ s(x, bs = "cs")'
```




```
# If you naively sort on desc(ba), the people with the best batting averages are clearly lucky, not ski

batters %>%
  arrange(desc(ba))
```

```
## # A tibble: 19,428 x 3
##    playerID     ba    ab
##    <chr>     <dbl> <int>
##  1 abramge01     1     1
##  2 alberan01     1     1
##  3 allarko01     1     1
##  4 banisje01     1     1
##  5 bartocl01     1     1
##  6 bassdo01      1     1
##  7 birasst01     1     2
##  8 bruneju01     1     1
##  9 burnscb01     1     1
```

```
## 10 cammaer01     1     1
## # ... with 19,418 more rows
```

```
# sum(x > 10) can take a logical expression that filters in certain records and then it adds them (sum
# mean (x > 60) can filters in records whose column 'x' value is greater than 60 and  then calculate th
# Measures of location: mean(x), median(x) (Half of the values of x is less than median(x) and other ha
# Measures of spread: sd(x), IQR(x), mad(x)
# Measures of rank: min(x), quantile(x, 0.25), max(x)
# Measures of position: first(x), nth(x, 2), last(x). These work similarly to x[1], x[2], and x[length(

# Counts:
#   n() : returns the size of the current group.
#   count(x) : counts number of repeatitions of each element in a qualitative column x
#   sum(!is.na(x)) : number of non-missing values in current group
#   n_distinct(x) : number of distinct (unique) values in current group

# Counts and proportions of logical values: sum(x > 10), mean(y == 0)

# quantile(x, 0.25) will find a value of x that is greater than 25% of the values, and less than the re
# IQR is 3rd Quartile - 1st Quartile (i.e the box plot)
# mad is median absolute deviation mad(x) may be more useful if you have outliers


library(nycflights13)
library(tidyverse)

(not_cancelled <- flights %>%
  filter(!is.na(arr_delay) & !is.na(dep_delay))
)
```

```
## # A tibble: 327,346 x 19
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 327,336 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
(not_cancelled %>%
  group_by(year, month, day) %>%
  summarise(avg_arr_delay = mean(arr_delay), avg_pos_arr_delay = mean(arr_delay[arr_delay > 0]))
)
```

```
## # A tibble: 365 x 5
## # Groups:   year, month [12]
##     year month   day avg_arr_delay avg_pos_arr_delay
##    <int> <int> <int>         <dbl>             <dbl>
```

```
##  1  2013     1     1        12.7               32.5
##  2  2013     1     2        12.7               32.0
##  3  2013     1     3         5.73              27.7
##  4  2013     1     4        -1.93              28.3
##  5  2013     1     5        -1.53              22.6
##  6  2013     1     6         4.24              24.4
##  7  2013     1     7        -4.95              27.8
##  8  2013     1     8        -3.23              20.8
##  9  2013     1     9        -0.264             25.6
## 10  2013     1    10        -5.90              27.3
## # ... with 355 more rows
```

```
not_cancelled %>%
  group_by(dest) %>%
  summarise(distance_sd = sd(distance)) %>%
  arrange(desc(distance_sd))
```

```
## # A tibble: 104 x 2
##    dest  distance_sd
##    <chr>       <dbl>
##  1 EGE         10.5
##  2 SAN         10.4
##  3 SFO         10.2
##  4 HNL         10.0
##  5 SEA          9.98
##  6 LAS          9.91
##  7 PDX          9.87
##  8 PHX          9.86
##  9 LAX          9.66
## 10 IND          9.46
## # ... with 94 more rows
```

```
not_cancelled %>%
  group_by(year, month, day) %>%
  summarise(first = min(dep_time), last=max(dep_time))
```

```
## # A tibble: 365 x 5
## # Groups:   year, month [12]
##     year month   day first  last
##    <int> <int> <int> <int> <int>
##  1  2013     1     1   517  2356
##  2  2013     1     2    42  2354
##  3  2013     1     3    32  2349
##  4  2013     1     4    25  2358
##  5  2013     1     5    14  2357
##  6  2013     1     6    16  2355
##  7  2013     1     7    49  2359
##  8  2013     1     8   454  2351
##  9  2013     1     9     2  2252
## 10  2013     1    10     3  2320
## # ... with 355 more rows
```

```
not_cancelled %>%
  group_by(year, month, day) %>%
  summarise(first_dep = first(dep_time), last_dep = last(dep_time))
```

```
## # A tibble: 365 x 5
## # Groups:   year, month [12]
##     year month   day first_dep last_dep
##    <int> <int> <int>     <int>    <int>
##  1  2013     1     1       517     2356
##  2  2013     1     2        42     2354
##  3  2013     1     3        32     2349
##  4  2013     1     4        25     2358
##  5  2013     1     5        14     2357
##  6  2013     1     6        16     2355
##  7  2013     1     7        49     2359
##  8  2013     1     8       454     2351
##  9  2013     1     9         2     2252
## 10  2013     1    10         3     2320
## # ... with 355 more rows
```

```
# Filtering on ranks gives you all variables, with each observation in a separate row:
not_cancelled %>%
  group_by(year, month, day) %>%
  mutate(rank = min_rank(desc(dep_time))) %>%
  filter(rank %in% range(rank))
```

```
## # A tibble: 770 x 20
## # Groups:   year, month, day [365]
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1     2356           2359        -3      425            437
##  3  2013     1     2       42           2359        43      518            442
##  4  2013     1     2     2354           2359        -5      413            437
##  5  2013     1     3       32           2359        33      504            442
##  6  2013     1     3     2349           2359       -10      434            445
##  7  2013     1     4       25           2359        26      505            442
##  8  2013     1     4     2358           2359        -1      429            437
##  9  2013     1     4     2358           2359        -1      436            445
## 10  2013     1     5       14           2359        15      503            445
## # ... with 760 more rows, and 12 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>,
## #   rank <int>
```

```
# which destination have the most carriers
not_cancelled %>%
  filter(!is.na(dest) & !is.na(carrier)) %>%
  group_by(dest) %>%
  summarize(max_carriers = max(n_distinct(carrier))) %>%
  arrange(desc(max_carriers))
```

```
## # A tibble: 104 x 2
##    dest  max_carriers
##    <chr>        <int>
##  1 ATL              7
##  2 BOS              7
##  3 CLT              7
##  4 ORD              7
##  5 TPA              7
```

```
##  6 AUS              6
##  7 DCA              6
##  8 DTW              6
##  9 IAD              6
## 10 MSP              6
## # ... with 94 more rows
```

```
# Give a count of each destinations separately
not_cancelled %>%
  count(dest)
```

```
## # A tibble: 104 x 2
##    dest      n
##    <chr> <int>
##  1 ABQ     254
##  2 ACK     264
##  3 ALB     418
##  4 ANC       8
##  5 ATL   16837
##  6 AUS    2411
##  7 AVL     261
##  8 BDL     412
##  9 BGR     358
## 10 BHM     269
## # ... with 94 more rows
```

```
# You can optionally provide a weight variable.
# "count" (sum) the total number of miles a plane flew:

not_cancelled %>%
  count(tailnum, wt=distance)
```

```
## # A tibble: 4,037 x 2
##    tailnum      n
##    <chr>    <dbl>
##  1 D942DN    3418
##  2 N0EGMQ  239143
##  3 N10156  109664
##  4 N102UW   25722
##  5 N103US   24619
##  6 N104UW   24616
##  7 N10575  139903
##  8 N105UW   23618
##  9 N107US   21677
## 10 N108UW   32070
## # ... with 4,027 more rows
```

```
# Whcih is the same as
not_cancelled %>%
  group_by(tailnum) %>%
  summarise(n=sum(distance))
```

```
## # A tibble: 4,037 x 2
##    tailnum      n
##    <chr>    <dbl>
##  1 D942DN    3418
##  2 N0EGMQ  239143
```

```
##  3 N10156  109664
##  4 N102UW   25722
##  5 N103US   24619
##  6 N104UW   24616
##  7 N10575  139903
##  8 N105UW   23618
##  9 N107US   21677
## 10 N108UW   32070
## # ... with 4,027 more rows
```

```
# How many flights left before 5am?
not_cancelled %>%
  group_by(year, month, day) %>%
  summarise(n_early = sum(dep_time < 500))
```

```
## # A tibble: 365 x 4
## # Groups:   year, month [12]
##     year month   day n_early
##    <int> <int> <int>   <int>
##  1  2013     1     1       0
##  2  2013     1     2       3
##  3  2013     1     3       4
##  4  2013     1     4       3
##  5  2013     1     5       3
##  6  2013     1     6       2
##  7  2013     1     7       2
##  8  2013     1     8       1
##  9  2013     1     9       3
## 10  2013     1    10       3
## # ... with 355 more rows
```

```
# What proportion of flights are delayed by more than an hour?
not_cancelled %>%
  group_by(year, month, day) %>%
  summarize(proportion = mean(arr_delay > 60))
```

```
## # A tibble: 365 x 4
## # Groups:   year, month [12]
##     year month   day proportion
##    <int> <int> <int>      <dbl>
##  1  2013     1     1     0.0722
##  2  2013     1     2     0.0851
##  3  2013     1     3     0.0567
##  4  2013     1     4     0.0396
##  5  2013     1     5     0.0349
##  6  2013     1     6     0.0470
##  7  2013     1     7     0.0333
##  8  2013     1     8     0.0213
##  9  2013     1     9     0.0202
## 10  2013     1    10     0.0183
## # ... with 355 more rows
```

```
library(nycflights13)
library(tidyverse)

(per_day <- flights %>%
```

```
  group_by(year, month, day) %>%
   summarise(flights=n())
)
```

```
## # A tibble: 365 x 4
## # Groups:   year, month [12]
##     year month   day flights
##    <int> <int> <int>   <int>
##  1  2013     1     1     842
##  2  2013     1     2     943
##  3  2013     1     3     914
##  4  2013     1     4     915
##  5  2013     1     5     720
##  6  2013     1     6     832
##  7  2013     1     7     933
##  8  2013     1     8     899
##  9  2013     1     9     902
## 10  2013     1    10     932
## # ... with 355 more rows
```

```
(per_month <- per_day %>%
  summarize(flights = sum(flights)))
```

```
## # A tibble: 12 x 3
## # Groups:   year [1]
##     year month flights
##    <int> <int>   <int>
##  1  2013     1   27004
##  2  2013     2   24951
##  3  2013     3   28834
##  4  2013     4   28330
##  5  2013     5   28796
##  6  2013     6   28243
##  7  2013     7   29425
##  8  2013     8   29327
##  9  2013     9   27574
## 10  2013    10   28889
## 11  2013    11   27268
## 12  2013    12   28135
```

```
(per_year <- per_month %>%
    summarize(flights = sum(flights)))
```

```
## # A tibble: 1 x 2
##    year flights
##   <int>   <int>
## 1  2013  336776
```

```
# Equivalently

(per_day <- flights %>%
  group_by(year, month, day) %>%
   summarise(per_day_flights=n()) %>%
    summarise(per_month_flights = sum(per_day_flights)) %>%
    summarise(per_year_flights = sum(per_month_flights))
)
```

```
## # A tibble: 1 x 2
##    year per_year_flights
##   <int>            <int>
## 1  2013           336776
```

```
# Be careful when progressively rolling up summaries: it's OK for sums and counts, but you need to thin
# I.e. the sum of groupwise sums is the overall sum, but the median of groupwise medians is not the ove

# If you need to remove grouping, and return to operations on ungrouped data, use ungroup()
daily <- group_by(flights, year, month, day)

daily %>%
  ungroup() %>% # no longer grouped by year-month-day
  summarise(flights = n())
```

```
## # A tibble: 1 x 1
##   flights
##     <int>
## 1  336776
```

```
library(nycflights13)
library(tidyverse)

not_cancelled <- flights %>%
  filter(!is.na(arr_delay) & (!is.na(dep_delay)))
# 1)
# A flight is 15 minutes early 50% of the time, and 15 minutes late 50% of the time.
(not_cancelled %>%
    group_by(flight) %>%
    summarize(total = n(),
              early15 = sum(arr_delay == -15),
              late15 = sum (arr_delay == 15)) %>%
    filter(total != 0 & early15 != 0 & late15 != 0 &  near(total / 2, 0.5))

  )
```

```
## # A tibble: 0 x 4
## # ... with 4 variables: flight <int>, total <int>, early15 <int>, late15 <int>
```

```
# Another way :
(not_cancelled %>%
    group_by(flight) %>%
    summarize(total = n(),
              early15 = mean(arr_delay == -15, na.rm = T),
              late15 = mean (arr_delay == 15, na.rm = T)) %>%
    filter(total != 0 & early15 == 0.5 & late15 == 0.5)

  )
```

```
## # A tibble: 0 x 4
## # ... with 4 variables: flight <int>, total <int>, early15 <dbl>, late15 <dbl>
```

```
# A flight is always 10 minutes late.
(not_cancelled %>%
    group_by(flight) %>%
    filter (arr_delay == 10)
)
```

```
## # A tibble: 3,373 x 19
## # Groups:   flight [1,475]
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      624            630        -6      840            830
##  2  2013     1     1      717            720        -3      850            840
##  3  2013     1     1      745            745         0     1135           1125
##  4  2013     1     1      805            805         0     1015           1005
##  5  2013     1     1      811            815        -4     1026           1016
##  6  2013     1     1      921            900        21     1237           1227
##  7  2013     1     1     1158           1205        -7     1530           1520
##  8  2013     1     1     1211           1215        -4     1423           1413
##  9  2013     1     1     1455           1459        -4     1655           1645
## 10  2013     1     1     1554           1600        -6     1830           1820
## # ... with 3,363 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# 99% of the time a flight is on time. 1% of the time it's 2 hours late.

not_cancelled %>%
    group_by(flight) %>%
    summarize (total = n(), ontime = sum(arr_delay == 0), late = sum(arr_delay == 2)) %>%
  filter((ontime %/% total)*100 == 99 && (late %/% total)*100 == 1)
```

```
## # A tibble: 0 x 4
## # ... with 4 variables: flight <int>, total <int>, ontime <int>, late <int>
```

```
# 2)
#  not_cancelled %>% count(dest)
not_cancelled %>%
  group_by(dest) %>%
  summarise(n = n())
```

```
## # A tibble: 104 x 2
##    dest      n
##    <chr> <int>
##  1 ABQ     254
##  2 ACK     264
##  3 ALB     418
##  4 ANC       8
##  5 ATL   16837
##  6 AUS    2411
##  7 AVL     261
##  8 BDL     412
##  9 BGR     358
## 10 BHM     269
## # ... with 94 more rows
```

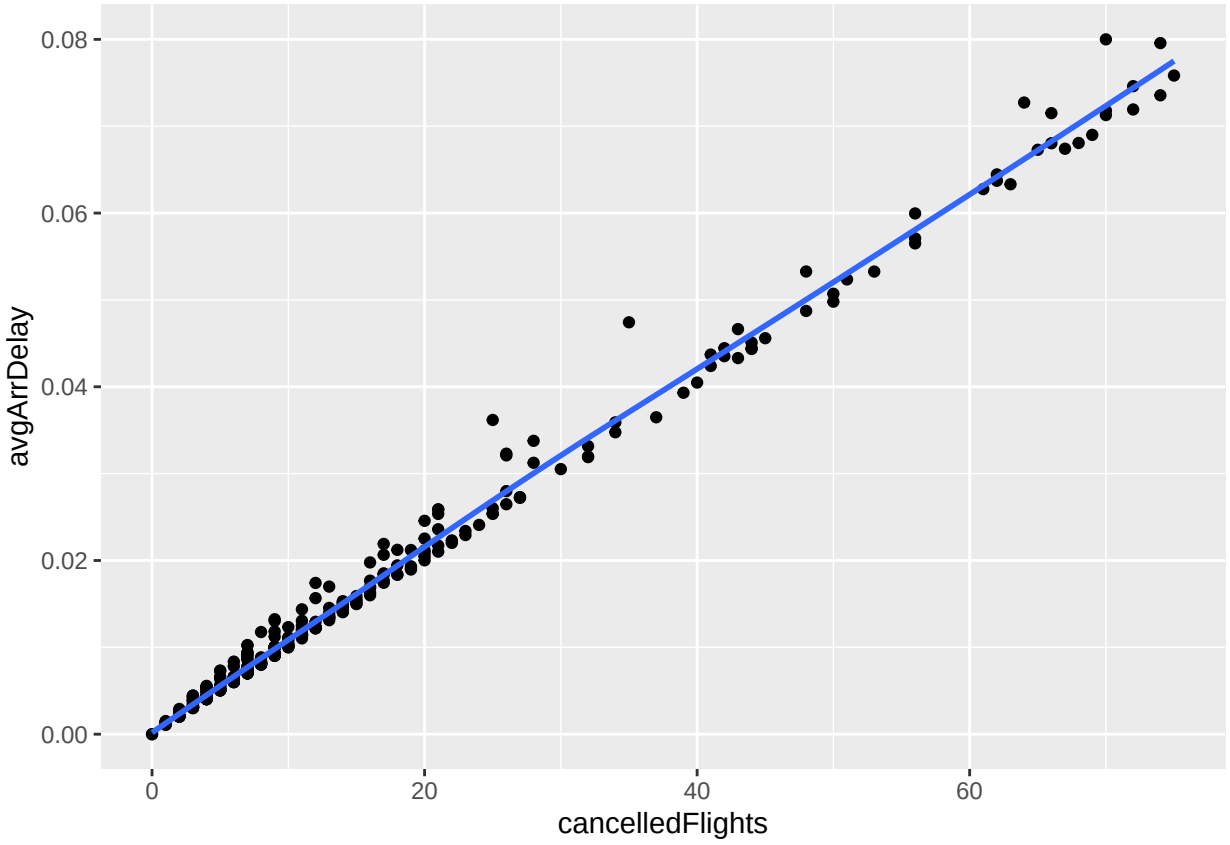
```
# not_cancelled %>% count(tailnum, wt = distance)
not_cancelled %>%
  group_by(tailnum) %>%
  summarise(wt = sum(distance))
```

```
## # A tibble: 4,037 x 2
##    tailnum     wt
```

```
##    <chr>    <dbl>
##  1 D942DN    3418
##  2 N0EGMQ  239143
##  3 N10156  109664
##  4 N102UW   25722
##  5 N103US   24619
##  6 N104UW   24616
##  7 N10575  139903
##  8 N105UW   23618
##  9 N107US   21677
## 10 N108UW   32070
## # ... with 4,027 more rows
```

```
# 4)
# Look at the number of cancelled flights per day. Is there a pattern? Is the proportion of cancelled f

flights %>%
  group_by(year, month, day) %>%
  summarize(cancelledFlights = sum(is.na(arr_delay) | (is.na(dep_delay))),
            avgArrDelay = mean(is.na(arr_delay), na.rm = T)) %>%
  arrange(desc(avgArrDelay)) %>%
  filter(cancelledFlights <= 75) %>%
  ggplot(mapping = aes(x=cancelledFlights, y = avgArrDelay)) +
  geom_point()+
  geom_smooth(se=F)
```

```
## `geom_smooth()` using method = 'loess' and formula 'y ~ x'
```



```
# 5)
# Which carrier has the worst delays?
# Challenge: can you disentangle the effects of bad airports vs. bad carriers? Why/why not?
# (Hint: think about flights %>% group_by(carrier, dest) %>% summarise(n()))


# not_cancelled %>%
#   group_by(carrier, dest) %>%
#    summarise(max_delay_per_dest = max(arr_delay, na.rm = T)) %>%
#      summarise(max_delay_per_carr = max(max_delay_per_dest, na.rm = T)) %>%
#   arrange(desc(max_delay_per_carr))

not_cancelled %>%
  group_by(carrier, dest) %>%
  summarise(max_delay_per_dest = max(arr_delay, na.rm = T)) %>%
  group_by(dest) %>%
  mutate(rank = min_rank(desc(max_delay_per_dest))) %>%
  filter(rank %in% range(rank)) %>%
  arrange(carrier, dest)
```

```
## # A tibble: 180 x 4
## # Groups:   dest [104]
##    carrier dest  max_delay_per_dest  rank
##    <chr>   <chr>              <dbl> <int>
##  1 9E      ATL                   55     7
##  2 9E      AUS                   25     6
##  3 9E      AVL                   13     2
##  4 9E      BTV                   -1     3
##  5 9E      BUF                  396     1
##  6 9E      CAE                   55     2
##  7 9E      CLT                  744     1
##  8 9E      CMH                   70     3
##  9 9E      DAY                  292     1
## 10 9E      DCA                  384     1
## # ... with 170 more rows
```

```
# 6) What does the sort argument to count() do?
not_cancelled %>%
  count(tailnum, wt = distance, sort = T)
```

```
## # A tibble: 4,037 x 2
##    tailnum      n
##    <chr>    <dbl>
##  1 N328AA  929090
##  2 N338AA  921172
##  3 N335AA  902271
##  4 N327AA  900482
##  5 N323AA  839468
##  6 N319AA  837924
##  7 N336AA  833136
##  8 N329AA  825826
##  9 N324AA  786159
## 10 N339AA  783648
## # ... with 4,027 more rows
```

```r
# assume we want to count (number, letter) pair
(data = tibble(
  letter = sample(LETTERS, 50000, replace = TRUE),
  number = sample (1:10, 50000, replace = TRUE)
  ))
```

```
## # A tibble: 50,000 x 2
##    letter number
##    <chr>   <int>
##  1 T           2
##  2 B           8
##  3 A           5
##  4 G          10
##  5 V           5
##  6 H           7
##  7 M           8
##  8 W           9
##  9 C           3
## 10 O           4
## # ... with 49,990 more rows
```

```r
data %>%
  count(letter, number, sort = TRUE)
```

```
## # A tibble: 260 x 3
##    letter number     n
##    <chr>   <int> <int>
##  1 X           2   226
##  2 F           3   223
##  3 O           8   222
##  4 C           8   221
##  5 P           1   220
##  6 Q          10   220
##  7 H           4   219
##  8 I           7   219
##  9 B           7   218
## 10 R           3   218
## # ... with 250 more rows
```

```r
data %>%
  group_by(letter, number) %>%
  summarise(n = n()) %>%
  ungroup() %>%
  arrange(desc(n))
```

```
## # A tibble: 260 x 3
##    letter number     n
##    <chr>   <int> <int>
##  1 X           2   226
##  2 F           3   223
##  3 O           8   222
##  4 C           8   221
##  5 P           1   220
##  6 Q          10   220
##  7 H           4   219
```

```
##  8 I           7   219
##  9 B           7   218
## 10 R           3   218
## # ... with 250 more rows
```

```
data %>%
  count(letter, number) %>%
  ungroup() %>%
  arrange(desc(n))
```

```
## # A tibble: 260 x 3
##    letter number     n
##    <chr>   <int> <int>
##  1 X           2   226
##  2 F           3   223
##  3 O           8   222
##  4 C           8   221
##  5 P           1   220
##  6 Q          10   220
##  7 H           4   219
##  8 I           7   219
##  9 B           7   218
## 10 R           3   218
## # ... with 250 more rows
```

```
library(nycflights13)
library(tidyverse)

# Find the worst members of each group
flights %>%
  group_by(year, month, day) %>%
  filter(rank(desc(arr_delay)) < 4)
```

```
## # A tibble: 1,105 x 19
## # Groups:   year, month, day [365]
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      848           1835       853     1001           1950
##  2  2013     1     1     1815           1325       290     2120           1542
##  3  2013     1     1     2343           1724       379      314           1938
##  4  2013     1     2     1412            838       334     1710           1147
##  5  2013     1     2     1607           1030       337     2003           1355
##  6  2013     1     2     2131           1512       379     2340           1741
##  7  2013     1     3     2008           1540       268     2339           1909
##  8  2013     1     3     2012           1600       252     2314           1857
##  9  2013     1     3     2056           1605       291     2239           1754
## 10  2013     1     4     1305           1030       155     1452           1210
## # ... with 1,095 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
(r1 <- rank(x1 <- c(3, 1, 4, 15, 92)))
```

```
## [1] 2 1 3 4 5
```

```
(r2 <- min_rank(x1 <- c(3, 1, 4, 15, 92)))
```

```
## [1] 2 1 3 4 5
```

```
# Find all groups bigger than a threshold
(poular_dests <-
  flights %>%
  group_by(dest) %>%
  filter(n() > 365))
```

```
## # A tibble: 332,577 x 19
## # Groups:   dest [77]
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1     1      517            515         2      830            819
##  2  2013     1     1      533            529         4      850            830
##  3  2013     1     1      542            540         2      923            850
##  4  2013     1     1      544            545        -1     1004           1022
##  5  2013     1     1      554            600        -6      812            837
##  6  2013     1     1      554            558        -4      740            728
##  7  2013     1     1      555            600        -5      913            854
##  8  2013     1     1      557            600        -3      709            723
##  9  2013     1     1      557            600        -3      838            846
## 10  2013     1     1      558            600        -2      753            745
## # ... with 332,567 more rows, and 11 more variables: arr_delay <dbl>,
## #   carrier <chr>, flight <int>, tailnum <chr>, origin <chr>, dest <chr>,
## #   air_time <dbl>, distance <dbl>, hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# A grouped filter is a grouped mutate followed by an ungrouped filter. I generally avoid them except f

poular_dests %>%
  filter(arr_delay > 0) %>%
  mutate(prop_delay = arr_delay / sum(arr_delay)) %>%
  select(year:day, dest, arr_delay, prop_delay)
```

```
## # A tibble: 131,106 x 6
## # Groups:   dest [77]
##     year month   day dest  arr_delay prop_delay
##    <int> <int> <int> <chr>     <dbl>      <dbl>
##  1  2013     1     1 IAH          11  0.000111
##  2  2013     1     1 IAH          20  0.000201
##  3  2013     1     1 MIA          33  0.000235
##  4  2013     1     1 ORD          12  0.0000424
##  5  2013     1     1 FLL          19  0.0000938
##  6  2013     1     1 ORD           8  0.0000283
##  7  2013     1     1 LAX           7  0.0000344
##  8  2013     1     1 DFW          31  0.000282
##  9  2013     1     1 ATL          12  0.0000400
## 10  2013     1     1 DTW          16  0.000116
## # ... with 131,096 more rows
```

```
# 1)
# Filter function is appalied to each group and shrinks the elements of each group
flights %>%
  group_by(year, month, day) %>%
  filter (air_time == 320 & carrier=="US")
```

```
## # A tibble: 15 x 19
```

```
## # Groups:   year, month, day [15]
##     year month   day dep_time sched_dep_time dep_delay arr_time sched_arr_time
##    <int> <int> <int>    <int>          <int>     <dbl>    <int>          <int>
##  1  2013     1    11     1619           1620        -1     2003           2003
##  2  2013     1    14     1346           1350        -4     1724           1715
##  3  2013    10    30      625            630        -5      931            918
##  4  2013    11    17     1010           1015        -5     1406           1342
##  5  2013    11    22     1639           1630         9     2022           2011
##  6  2013    11    23     1030           1030         0     1417           1410
##  7  2013    12     4     1352           1355        -3     1729           1715
##  8  2013    12     5     1402           1355         7     1736           1715
##  9  2013    12     6     1406           1355        11     1746           1715
## 10  2013    12    20     1631           1630         1     2009           1957
## 11  2013     2    23      954            959        -5     1345           1333
## 12  2013     3    23     1007           1015        -8     1252           1240
## 13  2013     4     1      623            630        -7      922            913
## 14  2013     4     2     1628           1635        -7     1902           1856
## 15  2013     4    26     1632           1630         2     1910           1851
## # ... with 11 more variables: arr_delay <dbl>, carrier <chr>, flight <int>,
## #   tailnum <chr>, origin <chr>, dest <chr>, air_time <dbl>, distance <dbl>,
## #   hour <dbl>, minute <dbl>, time_hour <dttm>
```

```
# mutate function with group
# Arithmetic operators with group_by
```

```
#Functions that work most naturally in grouped mutates and filters are known as window functions (vs. t

vignette("window-functions")
```

```
## starting httpd help server ... done
```

```
library(dataPreparation)
```

```
## Loading required package: lubridate
```

```
##
## Attaching package: 'lubridate'
```

```
## The following object is masked from 'package:base':
##
##     date
```

```
## Loading required package: progress
```

```
## dataPreparation 0.4.3
```

```
## Type dataPrepNews() to see new features/changes/bug fixes.
```

```
auto.df = read.csv("/Users/shahrdadshadab/env/my-R-project/ISLR/Data/datasets/Auto.csv", header=T, stri
auto.df.original = tibble(auto.df)
auto.df = tibble(auto.df)

# see if there is any NA in any records
df[which(is.na(auto.df)),]
```

```
## # A tibble: 0 x 1
## # ... with 1 variable: x <dbl>
```

```
# lets first split data to 80% train and the rest test
set.seed(1113)
train.idx <- sample(1:nrow(auto.df), 0.8*nrow(auto.df))
test.idx <- setdiff(1:nrow(auto.df), train.idx)

train.df <- auto.df[train.idx, ]
test.df <- auto.df[test.idx, ]
# remove empty characters and NA helper
remove.empty.characters <- function(df)
  df %>%
    select_all %>%
    filter_if(is.character, all_vars(!is.na(.) & trimws(.) != ""))

# Next remove leading and trailing spaces from all elements in character columns
trim.f <- function(col, na.rm = F) {
  isNA <- !reduce(col, ~ (is.na(.x) & is.na(.y)))
  if (na.rm && isNA)
    unlist(map(col, ~ (if (is.na(.x)) "" else .x) ),use.names = F)
  else trimws(col, which = c("both")) # leading and trailing spaces
}

trim.spaces <- function(df)
  df %>%
    mutate_if(is.character, trim.f, na.rm = T)

# Finally convert character columns to factor

char.to.fctor <- function(df)
  df %>%
    mutate_if(is.character, ~ factor(.x, levels = (.x %>% table() %>% names())))

# Since it is important to have the same columns in train and test first, compute the encoding:
encoding <- build_encoding(dataSet = train.df, cols = "auto", verbose = TRUE)
```

```
## [1] "build_encoding: I will compute encoding on 1 character and factor columns."
## [1] "build_encoding: it took me: 0.01s to compute encoding for 1 character and factor columns."
```

```
train.df <-
  train.df %>%
  na.omit() %>%
  trim.spaces() %>%
  remove.empty.characters() %>%
  char.to.fctor()

# In case your model does not do automatic hot encoding (like xgboost):
encoding <- build_encoding(dataSet = train.df, cols = "auto", verbose = TRUE)
```

```
## [1] "build_encoding: I will compute encoding on 1 character and factor columns."
## [1] "build_encoding: it took me: 0.01s to compute encoding for 1 character and factor columns."
```

```
# remove constant variables
(constant_cols <- whichAreConstant(train.df))
```

```
## [1] "whichAreConstant: it took me 0s to identify 0 constant column(s)"
```

```
## integer(0)
```

```
# remove Variables that are in double (for example col1 == col2)
(double_cols <- whichAreInDouble(train.df))
```

```
## [1] "whichAreInDouble: it took me 0s to identify 0 column(s) to drop."
```

```
## integer(0)
```

```
# remove Variables that are exact bijections (for example col1 = A, B, B, A and col2 = 1, 2, 2, 1)
(bijections_cols <- whichAreBijection(train.df))
```

```
## [1] "whichAreBijection: it took me 0.36s to identify 0 column(s) to drop."
```

```
## integer(0)
```

```
train.df <- if (!is.null(bijections_cols) & length(bijections_cols) > 0 ) train.df[- bijections_cols] el

# discretize year (convert them into intervals)
bins <- build_bins(dataSet = train.df, cols = "year", n_bins = 10, type = "equal_freq")
```

```
## [1] "fastDiscretization: I will build splits for 1 numeric columns using, equal_freq method."
## [1] "fastDiscretization: it took me: 0s to build splits for 1 numeric columns."
```

```
print(bins)
```

```
## $year
##  [1] -Inf   71   73   74   75   76   77   79   80   81  Inf
```

```
(train.df <- fastDiscretization(dataSet = train.df,
                                bins = list(year = c(71, 73, 74, 75, 76, 77, 79, 80, 81))))
```

```
## [1] "fastDiscretization: I will discretize 1 numeric columns using, bins."
## [1] "fastDiscretization: it took me: 0s to transform 1 numeric columns into, binarised columns."
```

```
##       mpg cylinders displacement horsepower weight acceleration     year origin
##   1: 29.0         4           68         49   1867         19.5 [73, 74[      2
##   2: 28.0         4           90         75   2125         14.5 [74, 75[      1
##   3: 16.0         6          250        100   3781         17.0 [74, 75[      1
##   4: 23.0         8          350        125   3900         17.4 [79, 80[      1
##   5: 13.0         8          302        130   3870         15.0 [76, 77[      1
##  ---
## 309: 11.0         8          350        180   3664         11.0 [73, 74[      1
## 310: 30.0         4           79         70   2074         19.5 [71, 73[      2
## 311: 20.0         4          130        102   3150         15.7 [76, 77[      2
## 312: 25.8         4          156         92   2620         14.4 [80, 81]      1
## 313: 36.0         4          107         75   2205         14.5 [80, 81]      3
##                                  name
##   1:                         fiat 128
##   2:                       dodge colt
##   3: chevrolet chevelle malibu classic
##   4:                 cadillac eldorado
##   5:                       ford f108
##  ---
## 309:                 oldsmobile omega
## 310:                      peugeot 304
## 311:                        volvo 245
## 312:           dodge aries wagon (sw)
## 313:                      honda accord
```

```r
table(train.df$cylinders)
```

```
##
##   3   4   5   6   8
##   3 162   2  68  78
```

```r
# Encode the train and test with same encoding object
train.df <- one_hot_encoder(dataSet = train.df, encoding = encoding, drop = TRUE, verbose = TRUE)
```

```
## [1] "one_hot_encoder: I will one hot encode some columns."
## [1] "one_hot_encoder: I am doing column: name"
## [1] "one_hot_encoder: It took me 0.01s to transform 1 column(s)."
```

```r
test.df <-
  test.df %>%
  na.omit() %>%
  trim.spaces() %>%
  remove.empty.characters() %>%
  char.to.fctor()

# remove constant variables
(constant_cols <- whichAreConstant(test.df))
```

```
## [1] "whichAreConstant: it took me 0s to identify 0 constant column(s)"
```

```
## integer(0)
```

```r
# remove Variables that are in double (for example col1 == col2)
(double_cols <- whichAreInDouble(test.df))
```

```
## [1] "whichAreInDouble: it took me 0.01s to identify 0 column(s) to drop."
```

```
## integer(0)
```

```r
# remove Variables that are exact bijections (for example col1 = A, B, B, A and col2 = 1, 2, 2, 1)
(bijections_cols <- whichAreBijection(test.df))
```

```
## [1] "whichAreBijection: it took me 0.04s to identify 0 column(s) to drop."
```

```
## integer(0)
```

```r
test.df <- if (!is.null(bijections_cols) & length(bijections_cols) > 0 ) test.df[- bijections_cols] else

# discretize year (convert them into intervals)
bins <- build_bins(dataSet = test.df, cols = "year", n_bins = 10, type = "equal_freq")
```

```
## [1] "fastDiscretization: I will build splits for 1 numeric columns using, equal_freq method."
## [1] "fastDiscretization: it took me: 0s to build splits for 1 numeric columns."
```

```r
print(bins)
```

```
## $year
##  [1] -Inf   70   72   73   74   75   77   78   79   81  Inf
```

```r
(test.df <- fastDiscretization(dataSet = test.df,
                               bins = list(year = c(71, 73, 74, 75, 76, 77, 79, 80, 81))))
```

```
## [1] "fastDiscretization: I will discretize 1 numeric columns using, bins."
## [1] "fastDiscretization: it took me: 0.02s to transform 1 numeric columns into, binarised columns."
```

```
##      mpg cylinders displacement horsepower weight acceleration     year origin
```

```
##  1: 17.0        8         302        140   3449        10.5 [80, 81]      1
##  2: 15.0        8         400        150   3761         9.5 [80, 81]      1
##  3: 27.0        4          97         88   2130        14.5 [80, 81]      3
##  4: 26.0        4          97         46   1835        20.5 [80, 81]      2
##  5: 24.0        4         107         90   2430        14.5 [80, 81]      2
##  6: 25.0        4         104         95   2375        17.5 [80, 81]      2
##  7: 21.0        6         199         90   2648        15.0 [80, 81]      1
##  8: 10.0        8         360        215   4615        14.0 [80, 81]      1
##  9:  9.0        8         304        193   4732        18.5 [80, 81]      1
## 10: 16.0        6         225        105   3439        15.5 [71, 73[      1
## 11: 17.0        6         250        100   3329        15.5 [71, 73[      1
## 12: 14.0        8         400        175   4464        11.5 [71, 73[      1
## 13: 14.0        8         318        150   4096        13.0 [71, 73[      1
## 14: 22.0        4         140         72   2408        19.0 [71, 73[      1
## 15: 31.0        4          71         65   1773        19.0 [71, 73[      3
## 16: 21.0        4         122         86   2226        16.5 [71, 73[      1
## 17: 13.0        8         350        165   4274        12.0 [71, 73[      1
## 18: 15.0        8         318        150   4135        13.5 [71, 73[      1
## 19: 14.0        8         351        153   4129        13.0 [71, 73[      1
## 20: 12.0        8         350        160   4456        13.5 [71, 73[      1
## 21: 26.0        4          96         69   2189        18.0 [71, 73[      2
## 22: 22.0        4         122         86   2395        16.0 [71, 73[      1
## 23: 27.0        4          97         88   2100        16.5 [71, 73[      3
## 24: 14.0        8         318        150   4237        14.5 [73, 74[      1
## 25: 12.0        8         455        225   4951        11.0 [73, 74[      1
## 26: 18.0        6         225        105   3121        16.5 [73, 74[      1
## 27: 18.0        3          70         90   2124        13.5 [73, 74[      3
## 28: 15.0        8         350        145   4082        13.0 [73, 74[      1
## 29: 16.0        8         400        230   4278         9.5 [73, 74[      1
## 30: 15.0        8         318        150   3399        11.0 [73, 74[      1
## 31: 24.0        4         121        110   2660        14.0 [73, 74[      2
## 32: 15.0        6         250        100   3336        17.0 [74, 75[      1
## 33: 16.0        6         258        110   3632        18.0 [74, 75[      1
## 34: 14.0        8         304        150   4257        15.5 [74, 75[      1
## 35: 26.0        4          79         67   1963        15.5 [74, 75[      2
## 36: 31.0        4          76         52   1649        16.5 [74, 75[      3
## 37: 24.0        4          90         75   2108        15.5 [74, 75[      2
## 38: 17.0        6         231        110   3907        21.0 [75, 76[      1
## 39: 18.0        6         225         95   3785        19.0 [75, 76[      1
## 40: 23.0        4         120         88   2957        17.0 [75, 76[      2
## 41: 28.0        4         107         86   2464        15.5 [76, 77[      2
## 42: 26.0        4          98         79   2255        17.7 [76, 77[      1
## 43: 22.0        6         250        105   3353        14.5 [76, 77[      1
## 44: 18.5        6         250        110   3645        16.2 [76, 77[      1
## 45: 16.5        6         168        120   3820        16.7 [76, 77[      2
## 46: 16.5        8         350        180   4380        12.1 [76, 77[      1
## 47: 13.0        8         350        145   4055        12.0 [76, 77[      1
## 48: 30.0        4         111         80   2155        14.8 [77, 79[      1
## 49: 25.5        4         122         96   2300        15.5 [77, 79[      1
## 50: 17.0        8         260        110   4060        19.0 [77, 79[      1
## 51: 15.0        8         302        130   4295        14.9 [77, 79[      1
## 52: 20.5        6         231        105   3425        16.9 [77, 79[      1
## 53: 16.0        8         400        180   4220        11.1 [77, 79[      1
## 54: 21.5        4         121        110   2600        12.8 [77, 79[      2
```

```
## 55: 39.4         4           85         70   2070         18.6 [77, 79[      3
## 56: 19.4         8          318        140   3735         13.2 [77, 79[      1
## 57: 20.6         6          231        105   3380         15.8 [77, 79[      1
## 58: 19.2         8          305        145   3425         13.2 [77, 79[      1
## 59: 17.5         8          318        140   4080         13.7 [77, 79[      1
## 60: 29.5         4           98         68   2135         16.6 [77, 79[      3
## 61: 22.3         4          140         88   2890         17.3 [79, 80[      1
## 62: 16.9         8          350        155   4360         14.9 [79, 80[      1
## 63: 27.4         4          121         80   2670         15.0 [79, 80[      1
## 64: 25.4         5          183         77   3530         20.1 [79, 80[      2
## 65: 34.2         4          105         70   2200         13.2 [79, 80[      1
## 66: 28.4         4          151         90   2670         16.0 [79, 80[      1
## 67: 27.9         4          156        105   2800         14.4 [80, 81]      1
## 68: 44.3         4           90         48   2085         21.7 [80, 81]      2
## 69: 32.7         6          168        132   2910         11.4 [80, 81]      3
## 70: 35.1         4           81         60   1760         16.1 [80, 81]      3
## 71: 33.7         4          107         75   2210         14.4 [80, 81]      3
## 72: 24.2         6          146        120   2930         13.8 [80, 81]      3
## 73: 28.0         4          112         88   2605         19.6 [80, 81]      1
## 74: 31.0         4          112         85   2575         16.2 [80, 81]      1
## 75: 29.0         4          135         84   2525         16.0 [80, 81]      1
## 76: 24.0         4          140         92   2865         16.4 [80, 81]      1
## 77: 38.0         4           91         67   1995         16.2 [80, 81]      3
## 78: 36.0         4          135         84   2370         13.0 [80, 81]      1
## 79: 44.0         4           97         52   2130         24.6 [80, 81]      2
##      mpg cylinders displacement horsepower weight acceleration     year origin
##                             name
##  1:                 ford torino
##  2:        chevrolet monte carlo
##  3:                 datsun pl510
##  4: volkswagen 1131 deluxe sedan
##  5:                  audi 100 ls
##  6:                     saab 99e
##  7:                  amc gremlin
##  8:                    ford f250
##  9:                     hi 1200d
## 10:    plymouth satellite custom
## 11:    chevrolet chevelle malibu
## 12:    pontiac catalina brougham
## 13:            plymouth fury iii
## 14:          chevrolet vega (sw)
## 15:          toyota corolla 1200
## 16:          ford pinto runabout
## 17:             chevrolet impala
## 18:           plymouth fury iii
## 19:            ford galaxie 500
## 20:   oldsmobile delta 88 royale
## 21:             renault 12 (sw)
## 22:             ford pinto (sw)
## 23:     toyota corolla 1600 (sw)
## 24:     plymouth fury gran sedan
## 25:     buick electra 225 custom
## 26:             plymouth valiant
## 27:                   maxda rx3
```

```
## 28:      chevrolet monte carlo s
## 29:           pontiac grand prix
## 30:            dodge dart custom
## 31:                    saab 99le
## 32:               chevrolet nova
## 33:                  amc matador
## 34:             amc matador (sw)
## 35:            volkswagen dasher
## 36:                toyota corona
## 37:                     fiat 128
## 38:                buick century
## 39:                plymouth fury
## 40:                  peugeot 504
## 41:                     fiat 131
## 42:                   dodge colt
## 43:               chevrolet nova
## 44:           pontiac ventura sj
## 45:           mercedes-benz 280s
## 46:             cadillac seville
## 47:                     chevy c10
## 48:      buick opel isuzu deluxe
## 49:             plymouth arrow gs
## 50:   oldsmobile cutlass supreme
## 51:      mercury cougar brougham
## 52:                 buick skylark
## 53:        pontiac grand prix lj
## 54:                      bmw 320i
## 55:                datsun b210 gx
## 56:                dodge diplomat
## 57:        buick century special
## 58: chevrolet monte carlo landau
## 59:               dodge magnum xe
## 60:               honda accord lx
## 61:               ford fairmont 4
## 62:      buick estate wagon (sw)
## 63:                 amc spirit dl
## 64:            mercedes benz 300d
## 65:              plymouth horizon
## 66:        buick skylark limited
## 67:                    dodge colt
## 68:         vw rabbit c (diesel)
## 69:                 datsun 280-zx
## 70:              honda civic 1300
## 71:                 honda prelude
## 72:             datsun 810 maxima
## 73:            chevrolet cavalier
## 74:   pontiac j2000 se hatchback
## 75:                dodge aries se
## 76:         ford fairmont futura
## 77:                 datsun 310 gx
## 78:             dodge charger 2.2
## 79:                     vw pickup
##                             name
```

```
table(test.df$cylinders)
```

```
##
##  3  4  5  6  8
##  1 37  1 15 25
```

```
# Encode the train and test with same encoding object
test.df <- one_hot_encoder(dataSet = test.df, encoding = encoding, drop = TRUE, verbose = TRUE)
```

```
## [1] "one_hot_encoder: I will one hot encode some columns."
## [1] "one_hot_encoder: I am doing column: name"
## [1] "one_hot_encoder: It took me 0.01s to transform 1 column(s)."
```

```
# Let's check the dimensions:
sprintf("dimension of train data: %d" , dim(train.df))
```

```
## [1] "dimension of train data: 313" "dimension of train data: 254"
```

```
sprintf("dimension of test data: %d" , dim(test.df))
```

```
## [1] "dimension of test data: 79"  "dimension of test data: 254"
```

```
# Since a lot of columns have been created, a filtering could be relevant:
# we drop columns the this function reports.
bijections <- whichAreBijection(dataSet = train.df, verbose = TRUE)
```

```
## [1] "whichAreBijection: it took me 63.18s to identify 0 column(s) to drop."
```

```
bijections <- whichAreBijection(dataSet = test.df, verbose = TRUE)
```

```
## [1] "whichAreBijection: name.amc ambassador dpl is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.amc ambassador sst is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.amc concord is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.amc concord d.l is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.amc concord dl 6 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.amc hornet is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.amc hornet sportabout .sw. is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.amc pacer is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.amc pacer d.l is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.amc rebel sst is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.audi 100ls is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.audi 4000 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.audi 5000 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.audi 5000s .diesel. is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.audi fox is a bijection of name.amc ambassador brougham. I put it in dr
## [1] "whichAreBijection: name.bmw 2002 is a bijection of name.amc ambassador brougham. I put it in dr
## [1] "whichAreBijection: name.buick century 350 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.buick century limited is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.buick century luxus .sw. is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.buick lesabre custom is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.buick regal sport coupe .turbo. is a bijection of name.amc ambassador bi
## [1] "whichAreBijection: name.buick skyhawk is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.buick skylark 320 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.cadillac eldorado is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.capri ii is a bijection of name.amc ambassador brougham. I put it in dr
## [1] "whichAreBijection: name.chevroelt chevelle malibu is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.chevrolet bel air is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.chevrolet camaro is a bijection of name.amc ambassador brougham. I put
```

```
## [1] "whichAreBijection: name.chevrolet caprice classic is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.chevrolet cavalier 2.door is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.chevrolet cavalier wagon is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.chevrolet chevelle concours .sw. is a bijection of name.amc ambassador b
## [1] "whichAreBijection: name.chevrolet chevelle malibu classic is a bijection of name.amc ambassador
## [1] "whichAreBijection: name.chevrolet chevette is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.chevrolet citation is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.chevrolet concours is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.chevrolet malibu is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.chevrolet malibu classic .sw. is a bijection of name.amc ambassador brou
## [1] "whichAreBijection: name.chevrolet monza 2.2 is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.chevrolet nova custom is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.chevrolet vega is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.chevrolet vega 2300 is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.chevrolet woody is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.chevy c20 is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.chevy s.10 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.chrysler cordoba is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.chrysler lebaron medallion is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.chrysler lebaron salon is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.chrysler lebaron town . country .sw. is a bijection of name.amc ambassad
## [1] "whichAreBijection: name.chrysler new yorker brougham is a bijection of name.amc ambassador broug
## [1] "whichAreBijection: name.chrysler newport royal is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.datsun 1200 is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.datsun 200.sx is a bijection of name.amc ambassador brougham. I put it i
## [1] "whichAreBijection: name.datsun 200sx is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.datsun 210 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.datsun 210 mpg is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.datsun 310 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.datsun 510 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.datsun 510 .sw. is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.datsun 510 hatchback is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.datsun 610 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.datsun 710 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.datsun 810 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.datsun b.210 is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.datsun b210 is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.datsun f.10 hatchback is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.dodge aries wagon .sw. is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.dodge aspen is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.dodge aspen 6 is a bijection of name.amc ambassador brougham. I put it i
## [1] "whichAreBijection: name.dodge aspen se is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.dodge challenger se is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.dodge colt .sw. is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.dodge colt hardtop is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.dodge colt hatchback custom is a bijection of name.amc ambassador brougl
## [1] "whichAreBijection: name.dodge colt m.m is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.dodge coronet brougham is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.dodge coronet custom is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.dodge coronet custom .sw. is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.dodge d100 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.dodge d200 is a bijection of name.amc ambassador brougham. I put it in d
## [1] "whichAreBijection: name.dodge monaco .sw. is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.dodge monaco brougham is a bijection of name.amc ambassador brougham. I
```

```
## [1] "whichAreBijection: name.dodge omni is a bijection of name.amc ambassador brougham. I put it in c
## [1] "whichAreBijection: name.dodge rampage is a bijection of name.amc ambassador brougham. I put it i
## [1] "whichAreBijection: name.dodge st. regis is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.fiat 124 sport coupe is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.fiat 124 tc is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.fiat 124b is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.fiat strada custom is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.fiat x1.9 is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.ford country is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.ford country squire .sw. is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.ford escort 2h is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford escort 4w is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford f108 is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.ford fairmont is a bijection of name.amc ambassador brougham. I put it i
## [1] "whichAreBijection: name.ford fairmont .auto. is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.ford fairmont .man. is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.ford fiesta is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.ford futura is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.ford gran torino is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.ford gran torino .sw. is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.ford granada is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.ford granada ghia is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.ford granada gl is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford granada l is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford ltd is a bijection of name.amc ambassador brougham. I put it in dro
## [1] "whichAreBijection: name.ford ltd landau is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford maverick is a bijection of name.amc ambassador brougham. I put it i
## [1] "whichAreBijection: name.ford mustang is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.ford mustang gl is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford mustang ii is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.ford mustang ii 2.2 is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.ford pinto is a bijection of name.amc ambassador brougham. I put it in c
## [1] "whichAreBijection: name.ford ranger is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.ford thunderbird is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.ford torino 500 is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.honda accord is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.honda accord cvcc is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.honda civic is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.honda civic .auto. is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.honda civic 1500 gl is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.honda civic cvcc is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.maxda glc deluxe is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.mazda 626 is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.mazda glc is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.mazda glc 4 is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.mazda glc custom is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.mazda glc custom l is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.mazda glc deluxe is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.mazda rx.4 is a bijection of name.amc ambassador brougham. I put it in c
## [1] "whichAreBijection: name.mazda rx.7 gs is a bijection of name.amc ambassador brougham. I put it i
## [1] "whichAreBijection: name.mazda rx2 coupe is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.mercedes.benz 240d is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.mercury capri 2000 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.mercury capri v6 is a bijection of name.amc ambassador brougham. I put i
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## [1] "whichAreBijection: name.mercury grand marquis is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.mercury lynx l is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.mercury marquis is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.mercury marquis brougham is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.mercury monarch is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.mercury monarch ghia is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.mercury zephyr is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.mercury zephyr 6 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.nissan stanza xe is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.oldsmobile cutlass ciera .diesel. is a bijection of name.amc ambassador
## [1] "whichAreBijection: name.oldsmobile cutlass ls is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.oldsmobile cutlass salon brougham is a bijection of name.amc ambassador
## [1] "whichAreBijection: name.oldsmobile omega is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.oldsmobile omega brougham is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.oldsmobile starfire sx is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.oldsmobile vista cruiser is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.opel 1900 is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.opel manta is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.peugeot 304 is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.peugeot 504 .sw. is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.peugeot 505s turbo diesel is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.peugeot 604sl is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.plymouth .cuda 340 is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.plymouth champ is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.plymouth cricket is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.plymouth custom suburb is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.plymouth duster is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.plymouth grand fury is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.plymouth horizon 4 is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.plymouth horizon miser is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.plymouth horizon tc3 is a bijection of name.amc ambassador brougham. I p
## [1] "whichAreBijection: name.plymouth reliant is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.plymouth sapporo is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.plymouth satellite is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.plymouth satellite custom .sw. is a bijection of name.amc ambassador br
## [1] "whichAreBijection: name.plymouth satellite sebring is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.plymouth valiant custom is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.plymouth volare is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.plymouth volare custom is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.plymouth volare premier v8 is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.pontiac astro is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.pontiac catalina is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.pontiac firebird is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.pontiac lemans v6 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.pontiac phoenix is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.pontiac phoenix lj is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.pontiac safari .sw. is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.pontiac sunbird coupe is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.renault 12tl is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.renault 5 gtl is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.saab 99gle is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.subaru is a bijection of name.amc ambassador brougham. I put it in drop
## [1] "whichAreBijection: name.subaru dl is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.toyota carina is a bijection of name.amc ambassador brougham. I put it
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## [1] "whichAreBijection: name.toyota celica gt is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.toyota celica gt liftback is a bijection of name.amc ambassador brougha
## [1] "whichAreBijection: name.toyota corolla is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.toyota corolla liftback is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.toyota corolla tercel is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.toyota corona hardtop is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.toyota corona liftback is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.toyota corona mark ii is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.toyota cressida is a bijection of name.amc ambassador brougham. I put i
## [1] "whichAreBijection: name.toyota mark ii is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.toyota starlet is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.toyota tercel is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.toyouta corona mark ii .sw. is a bijection of name.amc ambassador broug
## [1] "whichAreBijection: name.triumph tr7 coupe is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.vokswagen rabbit is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.volkswagen 411 .sw. is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.volkswagen jetta is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.volkswagen model 111 is a bijection of name.amc ambassador brougham. I
## [1] "whichAreBijection: name.volkswagen rabbit is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.volkswagen rabbit custom is a bijection of name.amc ambassador brougham
## [1] "whichAreBijection: name.volkswagen rabbit custom diesel is a bijection of name.amc ambassador bi
## [1] "whichAreBijection: name.volkswagen rabbit l is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.volkswagen scirocco is a bijection of name.amc ambassador brougham. I pu
## [1] "whichAreBijection: name.volkswagen super beetle is a bijection of name.amc ambassador brougham.
## [1] "whichAreBijection: name.volkswagen type 3 is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.volvo 144ea is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.volvo 145e .sw. is a bijection of name.amc ambassador brougham. I put it
## [1] "whichAreBijection: name.volvo 244dl is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.volvo 245 is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.volvo 264gl is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.volvo diesel is a bijection of name.amc ambassador brougham. I put it in
## [1] "whichAreBijection: name.vw dasher .diesel. is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: name.vw rabbit is a bijection of name.amc ambassador brougham. I put it in di
## [1] "whichAreBijection: name.vw rabbit custom is a bijection of name.amc ambassador brougham. I put
## [1] "whichAreBijection: it took me 1.66s to identify 224 column(s) to drop."
```

```
# Make sure that train and test sets have the same shape:
X_test <- sameShape(test.df, referenceSet = test.df, verbose = TRUE)
```

```
## [1] "sameShape: verify that every column is present."
## [1] "sameShape: drop unwanted columns."
## [1] "sameShape: verify that every column is in the right type."
## [1] "sameShape: verify that every factor as the right number of levels."
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```
suppressWarnings(suppressMessages(library(tidyverse)))
library(tidyverse)

# First let's build some data with NA
df <- tibble(x = c(rnorm(1000), c(NA, 13.34,2673.1,4674,NA,4585.2,78.678,NA,2754,
                   NA, 16.34,2473.1,4854,NA,45.2,7468.8,NA,2534,
                   NA, 156.34,23.188,6744,NA,4576.2,748.478,NA,4724)),
             y = c(as.character(rnorm(1000)) ,
                   c("a1df",NA,"t4grf", "sv7",NA, " NA", "13wdf", "e45rgg", "r546gbn",
                   "ad2f","NA"," NA", "s8v","NA", "wd11fwf", "wd46f", "er57gg", "rgb67n",
                   "adf3",NA,"tgrf6", "9sv",NA, "wdfw13f", "NA ", "ergg68", "rgb85n")))


print(object.size(df), units="KB")
```

```
## 95.8 Kb
```

```
# ------------------ select observation with missing values ------------------

na.idx <-
  df %>%
  pmap(~c(...)) %>%
  map(~sum(is.na(.) | str_trim(.) == "NA") > 0) %>%
  unlist %>%
  which()

rest.idx <- setdiff(seq_len(nrow(df)) , na.idx)
```

```
df[na.idx, ]
```

```
## # A tibble: 15 x 2
##         x y
##     <dbl> <chr>
##  1   NA   "a1df"
##  2   13.3  <NA>
##  3   NA    <NA>
##  4 4585.  " NA"
##  5   NA   "e45rgg"
##  6   NA   "ad2f"
##  7   16.3 "NA"
##  8 2473.  " NA"
##  9   NA   "NA"
## 10   NA   "er57gg"
## 11   NA   "adf3"
## 12  156.   <NA>
## 13   NA    <NA>
## 14  748.  "NA "
## 15   NA   "ergg68"
```

```
df[rest.idx, ]
```

```
## # A tibble: 1,012 x 2
##          x y
##      <dbl> <chr>
##  1  0.620  -0.200577454390718
##  2 -0.889  1.48306180438684
##  3  0.870  0.716456500549578
##  4 -0.675  1.57611377328024
##  5 -2.98   0.673696495580469
##  6 -0.161  1.2700454174476
##  7 -0.0293 1.39225684657446
##  8 -0.838  0.273123467578553
##  9  0.850  -0.76902276297209
## 10 -0.327  0.627477355389032
## # ... with 1,002 more rows
```

```
# ------------------ ratio of missing values ------------------
ratio.missing <- length(na.idx) / nrow(df)
print(glue::glue(round(ratio.missing * 100, 3), "%"))
```

```
## 1.461%
```

```
# ------------------ which features are missing most often ------------------
df %>%
  # Gather columns into key-value pairs
  gather(col.name, col.value, x:y)%>%
  group_by(col.name) %>%
  summarise(NA.count = sum(is.na(col.value)))
```

```
## # A tibble: 2 x 2
##   col.name NA.count
##   <chr>       <int>
## 1 x               9
## 2 y               4
```

```r
# another way to do this:
df %>%
  pmap(~c(...)) %>%
  reduce(~.x + is.na(.y), .init = 0)
```

```
## x y
## 9 4
```

```r
# old fashion way :
apply(df, 2, function(x) length(which(is.na(x))))
```

```
## x y
## 9 4
```

```r
# -------------- multiple features missing in one observation ------------------
df %>%
  pmap(~c(...) %>%
         reduce(~.x + is.na(.y) , .init = 0))
```

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```
# old fashio way:
apply(df, 1, function(x) length(which(is.na(x))))
```

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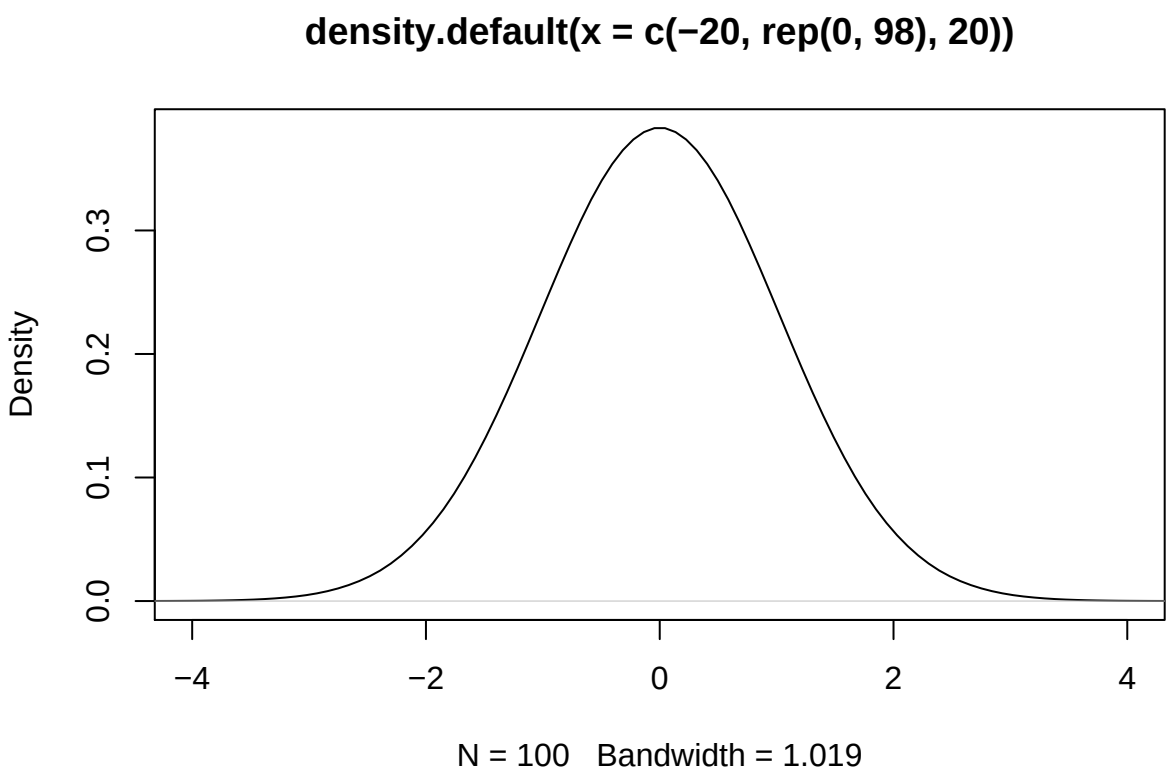
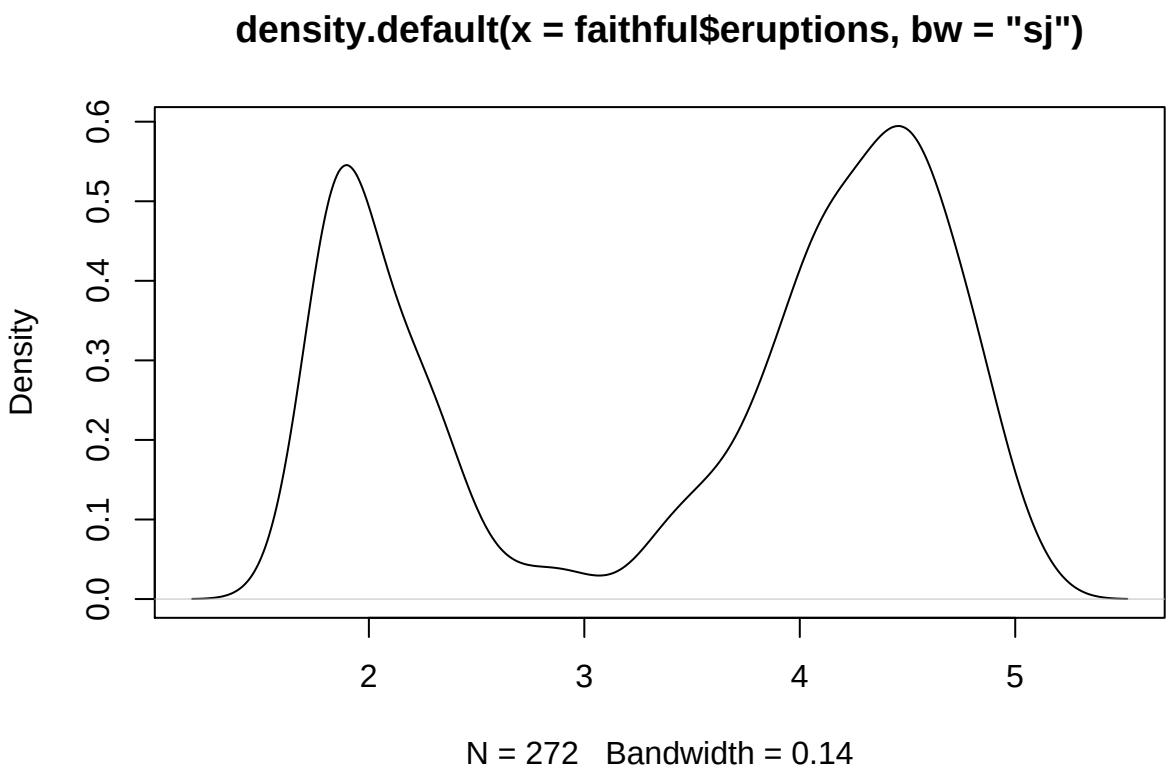
```
# -------------  density: computes kernel density estimates. -------------
require(graphics)
```

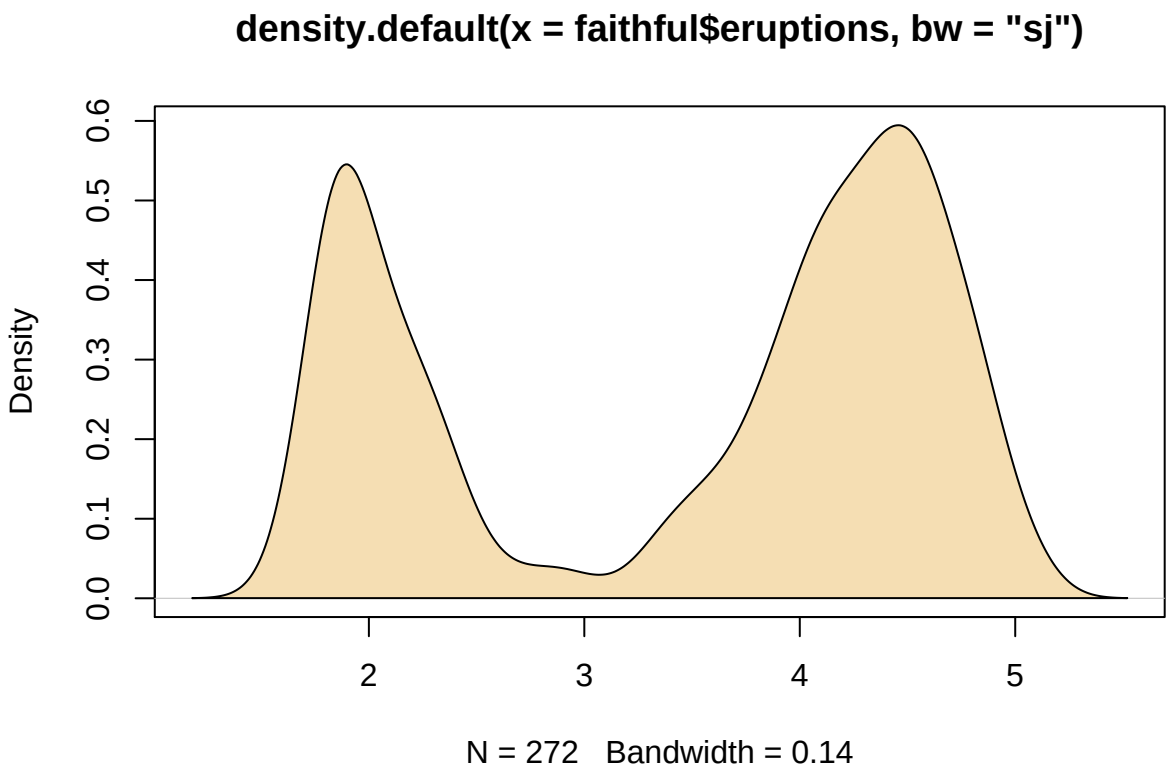
```r
plot(density(c(-20, rep(0,98), 20)), xlim = c(-4, 4))  # IQR = 0
```




```r
# The Old Faithful geyser data
d <- density(faithful$eruptions, bw = "sj")

plot(d)
```




```
plot(d, type = "n")
polygon(d, col = "wheat")
```




```
library(tidyverse)
library(graphics)
```

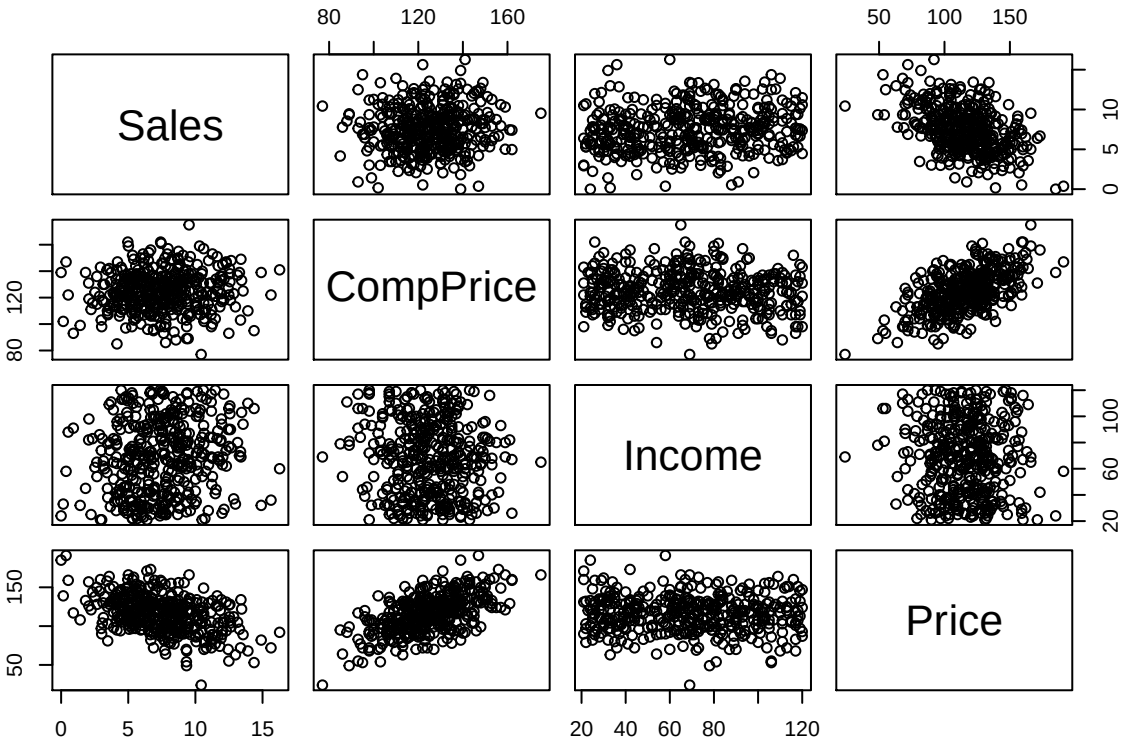
```r
# make up some data
# -------------
carseats.df = read.csv("/Users/shahrdadshadab/env/my-R-project/ISLR/Data/datasets/Carseats.csv",
                       header=T, stringsAsFactors = T, na.strings = "?")
str(carseats.df)
```

```
## 'data.frame':    400 obs. of  11 variables:
##  $ Sales      : num  9.5 11.22 10.06 7.4 4.15 ...
##  $ CompPrice  : int  138 111 113 117 141 124 115 136 132 132 ...
##  $ Income     : int  73 48 35 100 64 113 105 81 110 113 ...
##  $ Advertising: int  11 16 10 4 3 13 0 15 0 0 ...
##  $ Population : int  276 260 269 466 340 501 45 425 108 131 ...
##  $ Price      : int  120 83 80 97 128 72 108 120 124 124 ...
##  $ ShelveLoc  : Factor w/ 3 levels "Bad","Good","Medium": 1 2 3 3 1 1 3 2 3 3 ...
##  $ Age        : int  42 65 59 55 38 78 71 67 76 76 ...
##  $ Education  : int  17 10 12 14 13 16 15 10 10 17 ...
##  $ Urban      : Factor w/ 2 levels "No","Yes": 2 2 2 2 2 1 2 2 1 1 ...
##  $ US         : Factor w/ 2 levels "No","Yes": 2 2 2 2 1 2 1 2 1 2 ...
```

```r
carseats.df <- subset(na.omit(carseats.df),
        select = c("Sales", "CompPrice", "Income", "Price"))

str(carseats.df)
```

```
## 'data.frame':    400 obs. of  4 variables:
##  $ Sales    : num  9.5 11.22 10.06 7.4 4.15 ...
##  $ CompPrice: int  138 111 113 117 141 124 115 136 132 132 ...
##  $ Income   : int  73 48 35 100 64 113 105 81 110 113 ...
##  $ Price    : int  120 83 80 97 128 72 108 120 124 124 ...
```

```r
set.seed(1113)

plot(carseats.df)
```




```
(no.of.train <- ceiling(0.7 * nrow(carseats.df)))
```

```
## [1] 280
```

```
(no.of.test <- nrow(carseats.df) - no.of.train)
```

```
## [1] 120
```

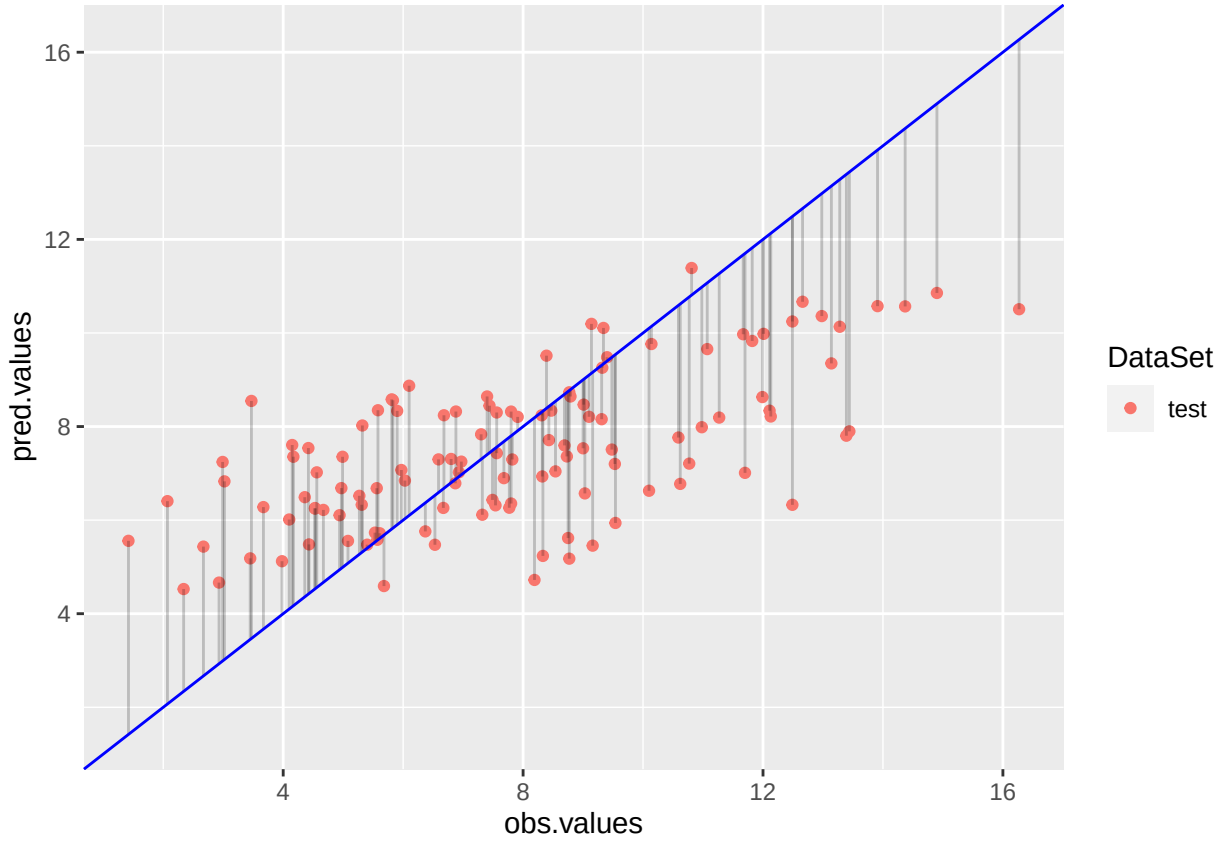
```
train.idx <- sample(seq_len(nrow(carseats.df)), no.of.train)
test.idx <- setdiff(seq_len(nrow(carseats.df)), train.idx)

# build ordinary least square model
model <- lm(Sales ~ CompPrice + Income + +Price ,
            data = carseats.df , subset = train.idx)

# first thing to do is to get confedence interval for each coefficient
# The wider confedence interval means model is more hesitate about the coefficient
confint(model)
```

```
##                    2.5 %      97.5 %
## (Intercept)  3.923067819  8.46821481
## CompPrice    0.058746686  0.09972278
## Income       0.001908749  0.02040902
## Price       -0.095016746 -0.06867740
```

```
# point to note: confedence interval for Income is too wide comparing with othres
# See model's performance

pred.values <- predict(model, newdata = carseats.df[test.idx, ])
obs.values <- carseats.df[test.idx, ]$Sales

# find the R2 for test data
(R.squared <- round((cor(pred.values, obs.values) ^ 2), 3))
```

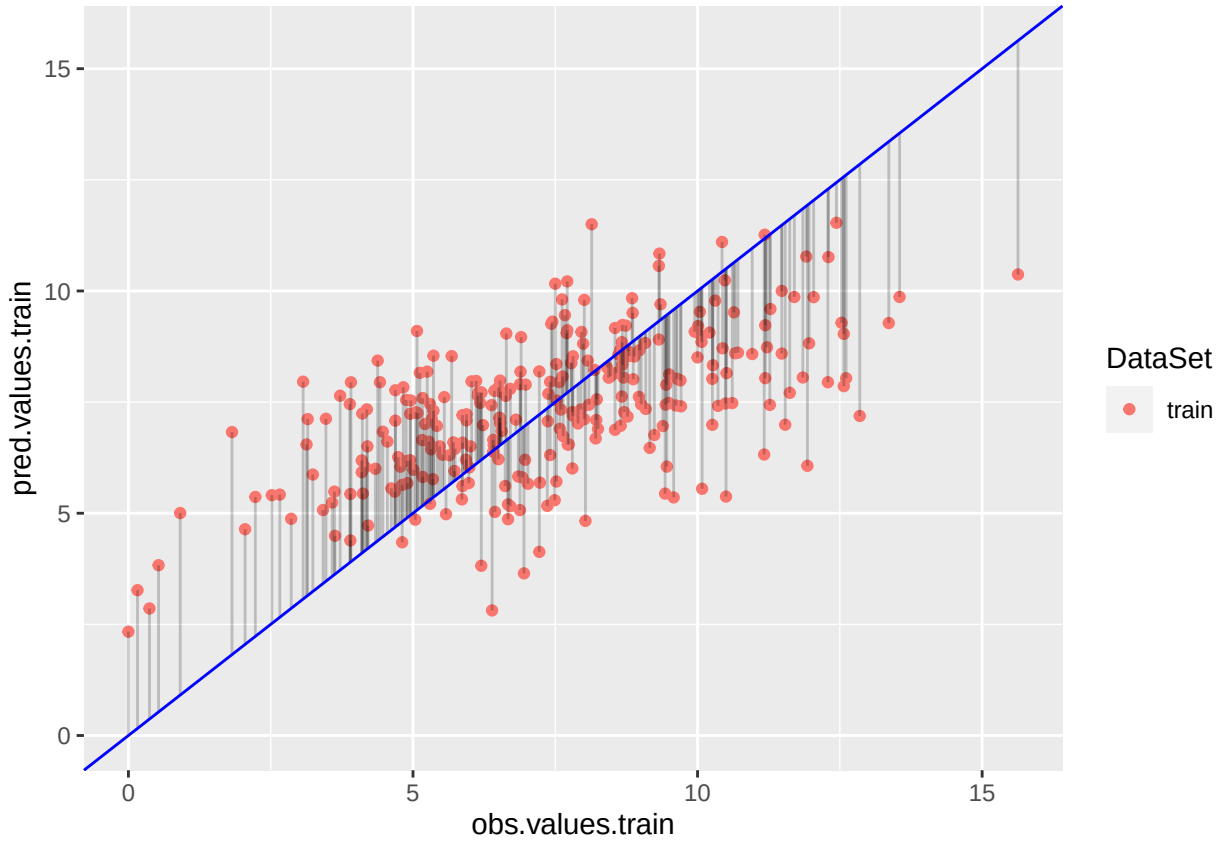
```
## [1] 0.411
```

```
# R squared is 0.411 which is not great!
# lets plot residuals:

plot.data <- data.frame("Pred.values" = pred.values, "obs.values" = obs.values,
                                "DataSet" = "test")
residuals <- obs.values - pred.values

plot.residuals <- data.frame("x" = obs.values, "y" = pred.values,
                "x1" = obs.values, "y2" = pred.values + residuals,
                "DataSet" = "test")

ggplot() +
        # plot test samples
        geom_point(data = plot.data,
            aes(x = obs.values, y = pred.values, color = DataSet)) +
        # plot residuals
        geom_segment(data = plot.residuals, alpha = 0.2,
            aes(x = x, y = y, xend = x1, yend = y2, group = DataSet)) +
        # plot optimal regressor
        geom_abline(color = "blue", slope = 1)
```

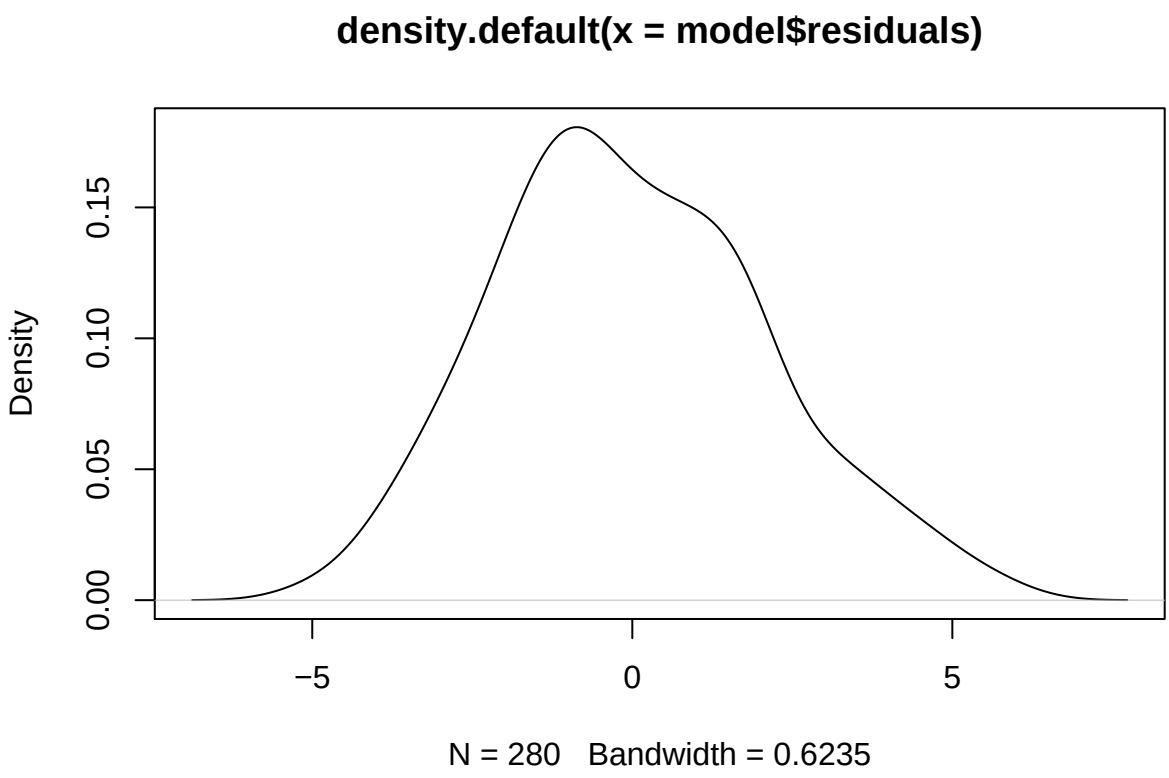



```
# From the plot we see that:
#  Salaries <= 4 are over estimated
#  Salaries >= 15 are under estimated

#let's see wht similar plot showson traing data
```

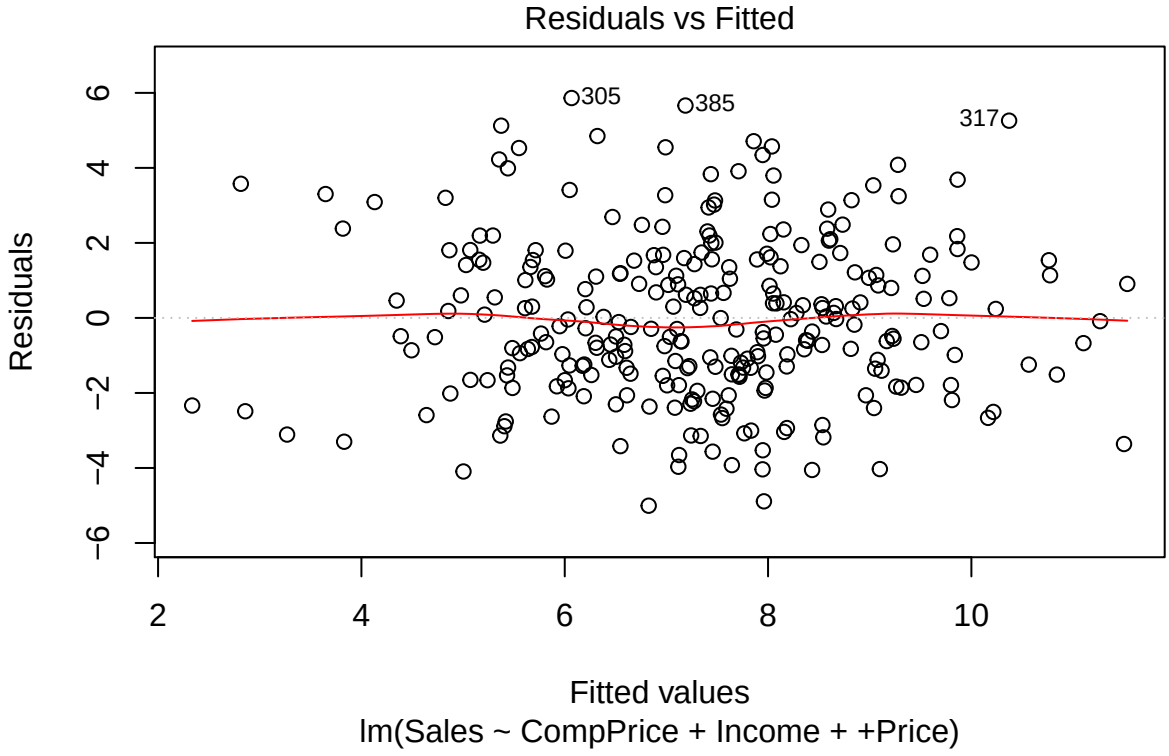
```
pred.values.train <- model$fitted.values
obs.values.train <- model$model[,1]

plot.data.train <- data.frame("Pred.values" = pred.values.train, "obs.values" = obs.values.train,
                              "DataSet" = "train")
residuals.train <- obs.values.train - pred.values.train

plot.residuals.train <- data.frame("x" = obs.values.train, "y" = pred.values.train,
                "x1" = obs.values.train, "y2" = pred.values.train + residuals.train,
                "DataSet" = "train")

ggplot() +
        # plot test samples
        geom_point(data = plot.data.train,
            aes(x = obs.values.train, y = pred.values.train, color = DataSet)) +
        # plot residuals
        geom_segment(data = plot.residuals.train, alpha = 0.2,
            aes(x = x, y = y, xend = x1, yend = y2, group = DataSet)) +
        # plot optimal regressor
        geom_abline(color = "blue", slope = 1)
```

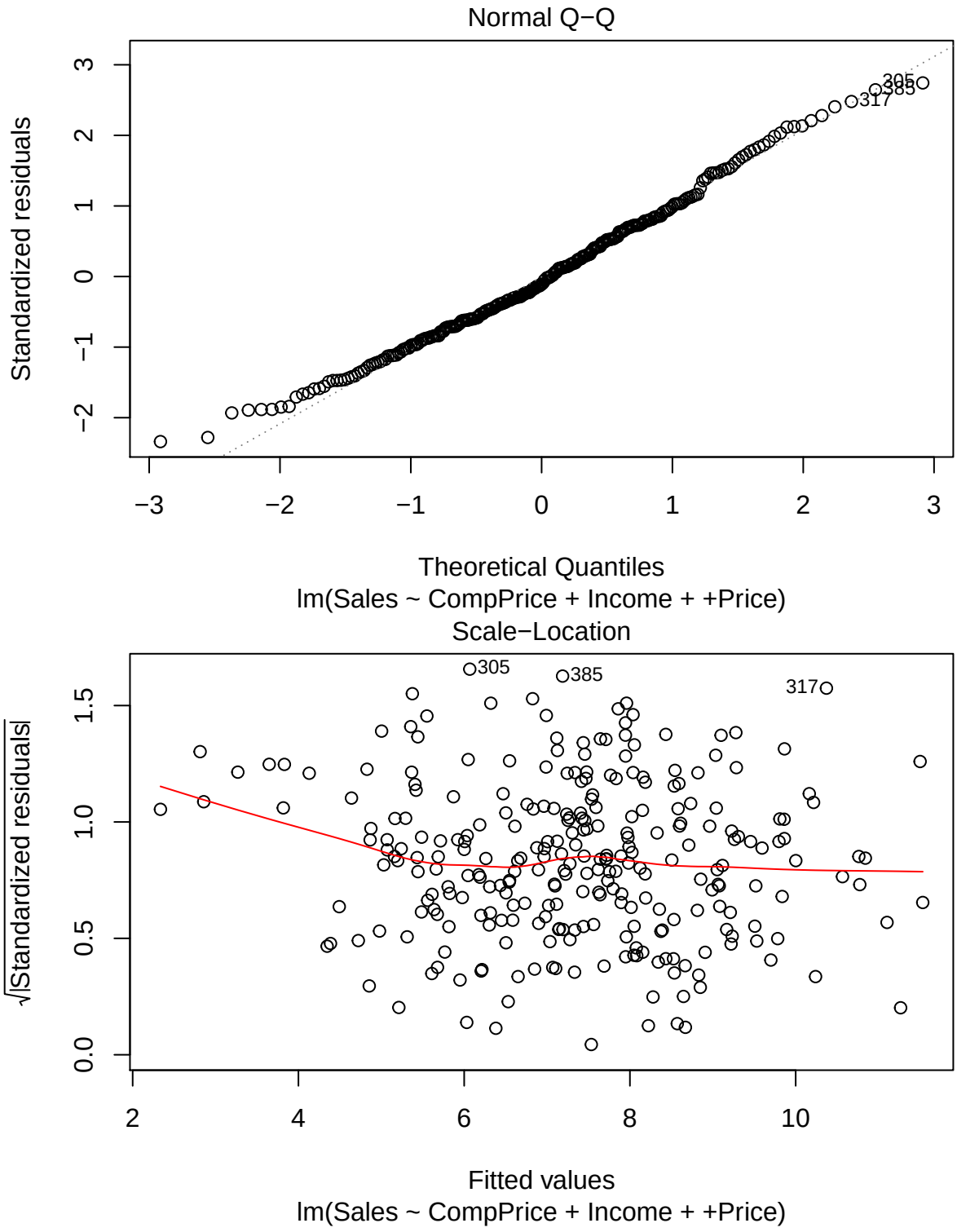


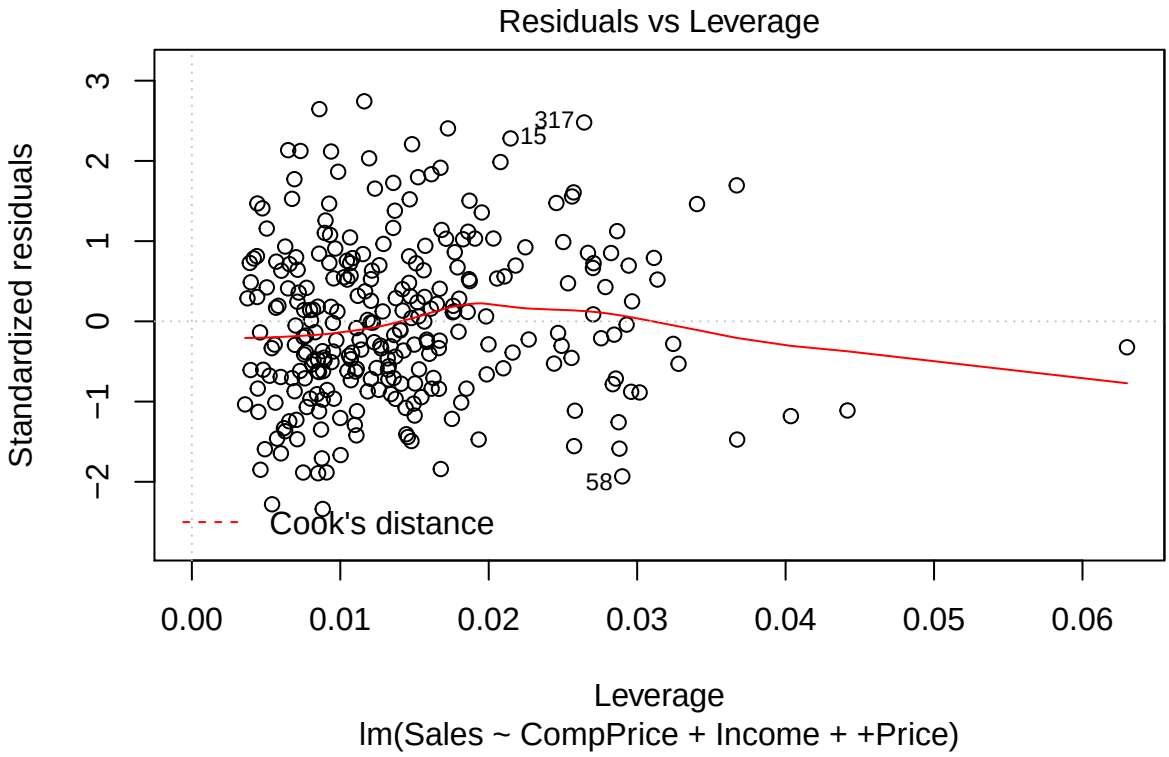

```
# looking at the above obcerved vs. predicted values in training data shows
# majority of obdevrd data has salary between 4 to 12 thus in this range
# standard error is lower.

# let's draw the residuals pdf:
plot(density(model$residuals))
```




```r
# Residuals are not normally distributed , so linear model is not the best model.
# let's look at diagnodtics plot to see the outliers and high leverage points
plot(model)
```




Normal Q−Q
Standardized residuals
Theoretical Quantiles
lm(Sales ~ CompPrice + Income + +Price)
305
385
317
Scale−Location
√|Standardized residuals|
Fitted values
lm(Sales ~ CompPrice + Income + +Price)




```
# Let's have look at the portions of full data that under estimations and over estimation occured

# observed data that is a border between salaries < 4.xxx and salaries > 4.xxx
(left.cut <- quantile(carseats.df$Sales , 0.15))
```

```
##    15%
## 4.6785
```

```
# observed data that is a border between salaries > 12.xxx and salaries < 10.xxx
(right.cut <- quantile(carseats.df$Sales , 0.95))
```

```
##     95%
## 12.4425
```

```
# observed dat with salaries < 4.xxx
left.side.data.idx <- which(carseats.df$Sales < left.cut)

# summary of data in under estimated region
summary(carseats.df[left.side.data.idx, ])
```

```
##      Sales          CompPrice         Income          Price
##  Min.   :0.000   Min.   : 85.0   Min.   : 21.00   Min.   : 81.0
##  1st Qu.:2.913   1st Qu.:112.8   1st Qu.: 41.75   1st Qu.:111.0
##  Median :3.695   Median :121.5   Median : 63.50   Median :130.0
##  Mean   :3.361   Mean   :121.8   Mean   : 64.28   Mean   :129.0
##  3rd Qu.:4.192   3rd Qu.:131.2   3rd Qu.: 83.00   3rd Qu.:141.8
##  Max.   :4.670   Max.   :147.0   Max.   :120.00   Max.   :191.0
```

```
# observed dat with salaries > 10.xxx
right.side.data.idx <- which(carseats.df$Sales > right.cut)

# summary of data in over estimated region
```

```r
summary(carseats.df[right.side.data.idx, ])
```

```
##      Sales          CompPrice         Income           Price
##  Min.   :12.49   Min.   : 93.0   Min.   : 32.00   Min.   : 53.0
##  1st Qu.:12.60   1st Qu.:116.8   1st Qu.: 66.75   1st Qu.: 72.0
##  Median :13.21   Median :128.5   Median : 78.50   Median : 97.5
##  Mean   :13.45   Mean   :126.1   Mean   : 77.60   Mean   : 94.6
##  3rd Qu.:13.64   3rd Qu.:139.0   3rd Qu.:102.25   3rd Qu.:112.0
##  Max.   :16.27   Max.   :149.0   Max.   :110.00   Max.   :134.0
```

```r
# summary of whole data
summary(carseats.df)
```

```
##      Sales          CompPrice       Income           Price
##  Min.   : 0.000   Min.   : 77   Min.   : 21.00   Min.   : 24.0
##  1st Qu.: 5.390   1st Qu.:115   1st Qu.: 42.75   1st Qu.:100.0
##  Median : 7.490   Median :125   Median : 69.00   Median :117.0
##  Mean   : 7.496   Mean   :125   Mean   : 68.66   Mean   :115.8
##  3rd Qu.: 9.320   3rd Qu.:135   3rd Qu.: 91.00   3rd Qu.:131.0
##  Max.   :16.270   Max.   :175   Max.   :120.00   Max.   :191.0
```

```r
# comparing the mean of corresponding predictors of low (high) sale observations
# with other observations shows they are not large difference between
# means of predictors of low (high) sale observations and other observations
# So this could not be the cause of under and over estimation.
# looking at the plots shows majaority of records have Sales value
# larger than 4 which makes model to choose intercept around 3.9


# ---------------- Dealing with under and over estimation -----------------

# To reduce under estimate and over estimated values let's
# use GLM to be able to plugin Poisson pdf, we chose poisson
# because plot of residuals showd it looks more poisson than Normal:

# GLM with Poisson does not use ordinary least square to fit the data
pois.model <- glm(Sales ~ CompPrice + Income + Price ,
            family = "poisson" ,data = carseats.df , subset = train.idx)
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
```

```
# first thing to do is to get confedence interval for each coefficient
# The wider confedence interval means model is more hesitate about coefficient
confint(pois.model)
```

```
## Waiting for profiling to be done...
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

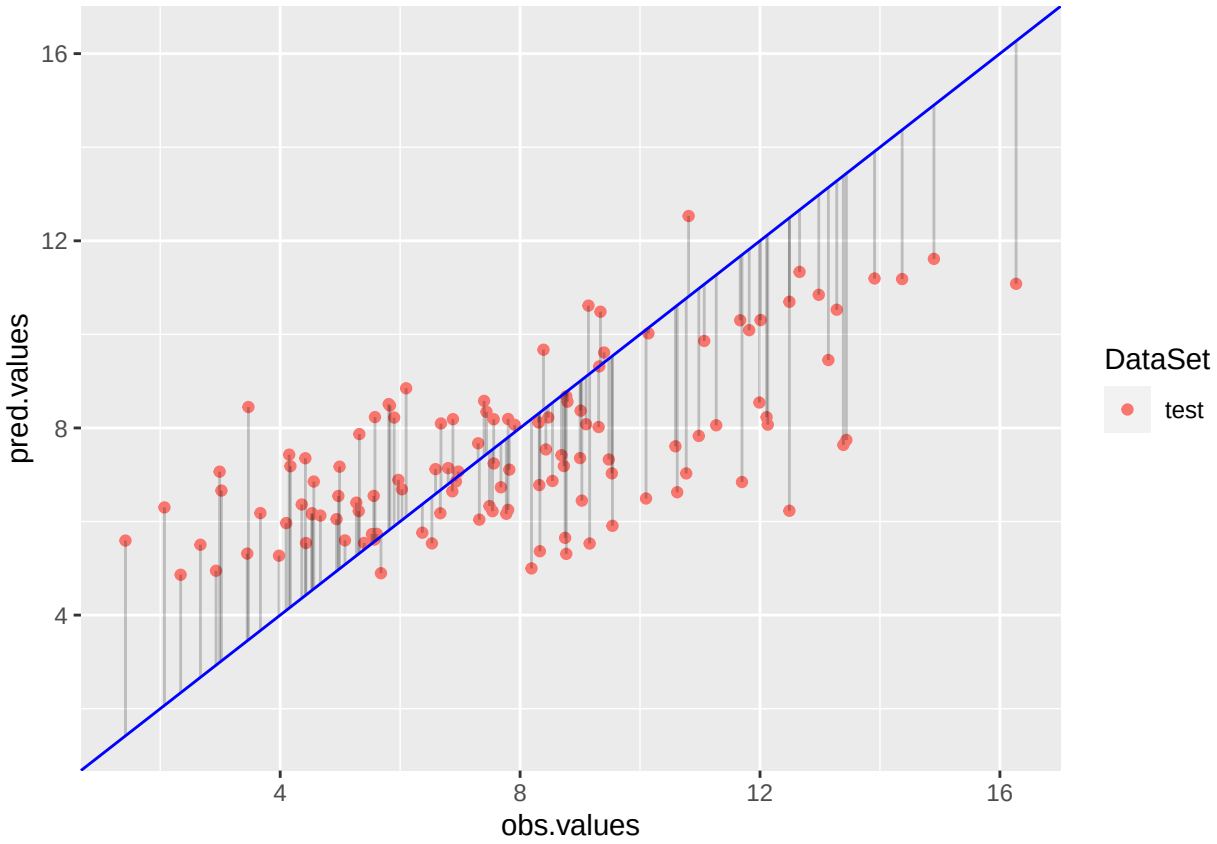
```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
```

```
##                     2.5 %       97.5 %
## (Intercept)  1.420723e+00  2.191200226
## CompPrice    7.435529e-03  0.014432019
## Income      -2.853509e-05  0.003168492
## Price       -1.355445e-02 -0.009006191
```

```
# point to note: confedence interval of GLM for Comprice is too wide comparing with othres
# See model's performance
# need to set type to 'response' to get exponentiated predictions
pred.values <- predict(pois.model, newdata = carseats.df[test.idx, ],
                       type = "response")
obs.values <- carseats.df[test.idx, ]$Sales

# find the R2 for test data
(R.squared <- round((cor(pred.values, obs.values) ^ 2), 3))
```

```
## [1] 0.426
```

```
# R squared is 0.426 which is slightly improved
# lets plot residuals:

plot.data <- data.frame("Pred.values" = pred.values, "obs.values" = obs.values,
                                "DataSet" = "test")
residuals <- obs.values - pred.values

plot.residuals <- data.frame("x" = obs.values, "y" = pred.values,
                "x1" = obs.values, "y2" = pred.values + residuals,
                "DataSet" = "test")

ggplot() +
        # plot test samples
        geom_point(data = plot.data,
            aes(x = obs.values, y = pred.values, color = DataSet)) +
        # plot residuals
        geom_segment(data = plot.residuals, alpha = 0.2,
            aes(x = x, y = y, xend = x1, yend = y2, group = DataSet)) +
        # plot optimal regressor
        geom_abline(color = "blue", slope = 1)
```




```
# ------------------------------------------------------------------------------
# -------- Adjust the loss function by increasing impact of residulas ----------
# ------------------------------------------------------------------------------
# To rectify underestimation of Sales we adjust the loss function:
# We increase the impact of the residuals of the outliers by calculating
# the z-scores of the sales and then use their exponential as the weight
# for the regression model

sales.z.scores <- (carseats.df$Sales - mean(carseats.df$Sales)) / sd(carseats.df$Sales)
weights.exp <- 1/exp(sales.z.scores)^2
sales.weights <- weights.exp / mean(weights.exp) # normalize to mean 1

# Now build a new GLM model with weights
pois.model.with.weights  <- glm(Sales ~ CompPrice + Income + Price ,
            family = "poisson" ,data = carseats.df , subset = train.idx,
            weights = sales.weights)
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
```

```
#Let's see the p-values
coef(summary(pois.model.with.weights))
```

```
##                 Estimate  Std. Error    z value     Pr(>|z|)
## (Intercept)  0.830835804 0.330261688   2.515689 1.187999e-02
## CompPrice    0.035019996 0.002901823  12.068274 1.553593e-33
## Income       0.003993197 0.001365582   2.924173 3.453731e-03
## Price       -0.033414635 0.001713851 -19.496819 1.168253e-84
```

```
# p-values shows all predictors are statistically significant


# get confedence interval for each coefficient
confint(pois.model.with.weights)
```

```
## Waiting for profiling to be done...
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

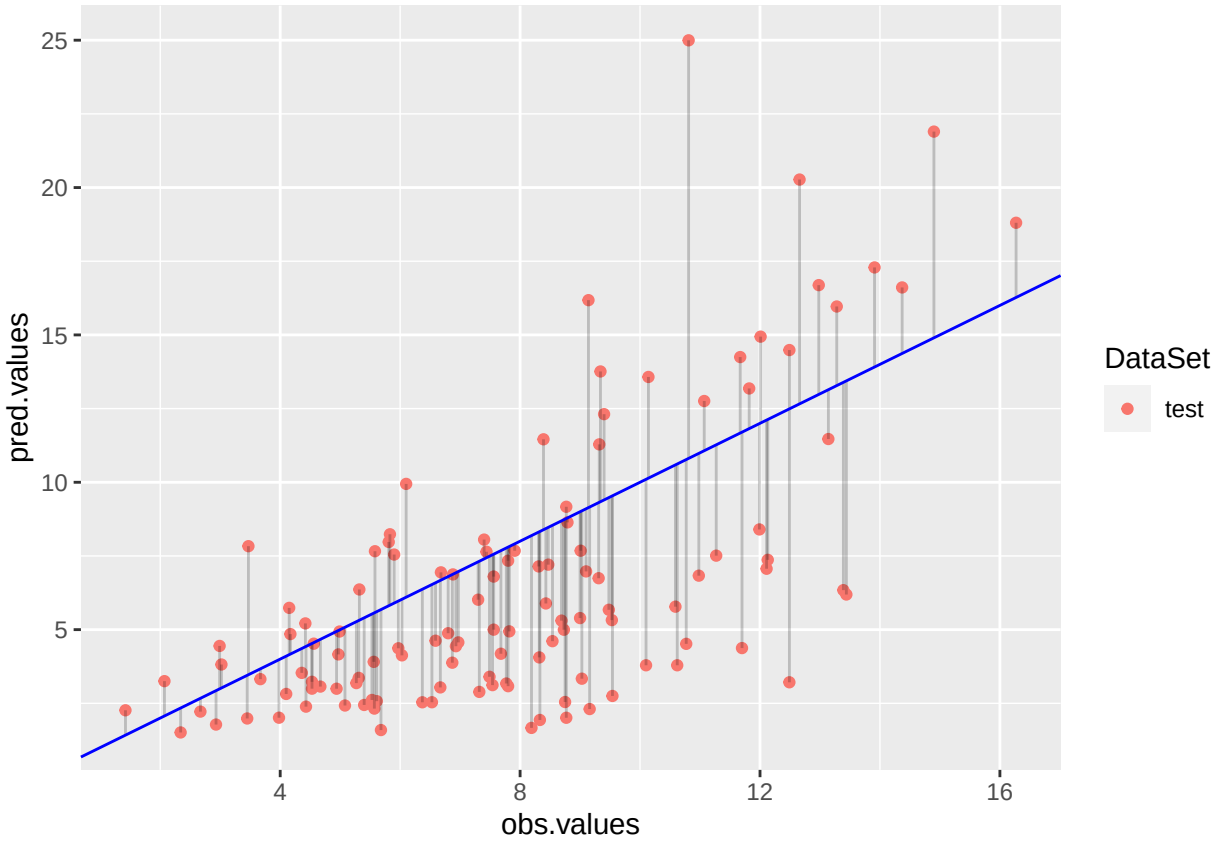
```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
##                    2.5 %       97.5 %
## (Intercept)  0.180318227  1.475105020
## CompPrice    0.029362442  0.040737494
## Income       0.001314454  0.006668511
## Price       -0.036786135 -0.030067085
```

```r
# Clearly cofedence intervals of the predictor looks better now : No wide range is seen

# See model's performance
# need to set type to 'response' to get exponentiated predictions
pred.values <- predict(pois.model.with.weights, newdata = carseats.df[test.idx, ],
                       type = "response")
obs.values <- carseats.df[test.idx, ]$Sales

# find the R2 for test data
(R.squared <- round((cor(pred.values, obs.values) ^ 2), 3))
```

```
## [1] 0.425
```

```r
# R squared is 0.425 which is back to what is was
# lets plot residuals:

plot.data <- data.frame("Pred.values" = pred.values, "obs.values" = obs.values,
                                  "DataSet" = "test")
```

```
residuals <- obs.values - pred.values

plot.residuals <- data.frame("x" = obs.values, "y" = pred.values,
                "x1" = obs.values, "y2" = pred.values + residuals,
                "DataSet" = "test")

ggplot() +
        # plot test samples
        geom_point(data = plot.data,
            aes(x = obs.values, y = pred.values, color = DataSet)) +
        # plot residuals
        geom_segment(data = plot.residuals, alpha = 0.2,
            aes(x = x, y = y, xend = x1, yend = y2, group = DataSet)) +
        # plot optimal regressor
        geom_abline(color = "blue", slope = 1)
```




```
# Remember we assumed that the mean of DV should be equal to its variance
# to be able to use Poisson regression
# let's see ho is this true

sales.mean <- round(mean(carseats.df$Sales) ,3)
sales.var <- round(var(carseats.df$Sales),3)
print(glue::glue("mean of Sales: ",sales.mean,
                 "\n variance of Sales: ",  sales.var))
```

```
## mean of Sales: 7.496
## variance of Sales: 7.976
```

```r
# Variance is greater than the mean we have slight over dispersion
# we should try picking a model that is more suitable for overdispersion such as
# negative binomial

library(MASS)
```

```
##
## Attaching package: 'MASS'
```

```
## The following object is masked from 'package:dplyr':
##
##     select
```

```r
neg.bin.model.with.weights  <- glm.nb(Sales ~ CompPrice + Income + Price ,
                                      data = carseats.df , subset = train.idx,
                                      weights = sales.weights)
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
```

```
## Warning in glm.nb(Sales ~ CompPrice + Income + Price, data = carseats.df, :
## alternation limit reached
```

```
pred.values <- predict(neg.bin.model.with.weights, newdata = carseats.df[test.idx, ],
                       type = "response")
obs.values <- carseats.df[test.idx, ]$Sales

#Let's see the p-values
coef(summary(neg.bin.model.with.weights))
```

```
##                 Estimate  Std. Error    z value     Pr(>|z|)
## (Intercept)  0.821360608 0.336756270   2.439036 1.472651e-02
## CompPrice    0.035529127 0.002968577  11.968404 5.201969e-33
## Income       0.004088157 0.001394799   2.931001 3.378719e-03
## Price       -0.033862720 0.001759611 -19.244437 1.571604e-82
```

```
# p-values shows all predictors are statistically significant

# get confedence interval for each coefficient
confint(pois.model.with.weights)
```

```
## Waiting for profiling to be done...
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.640000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.600000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.990000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.090000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 15.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.890000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.060000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.290000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.510000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.180000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 1.820000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 13.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.250000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.980000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.120000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.730000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.720000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.910000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.560000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.470000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.830000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.780000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.710000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.240000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.460000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.500000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.110000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.190000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.160000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.520000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.010000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.700000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.340000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.970000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.920000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.910000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.020000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.430000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.230000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.550000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.260000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.140000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.490000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.870000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.450000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.540000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.030000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.350000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.940000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 0.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.650000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.330000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.770000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.900000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.690000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.150000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.620000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.860000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.480000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.080000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.810000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.960000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.380000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.490000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.530000
```

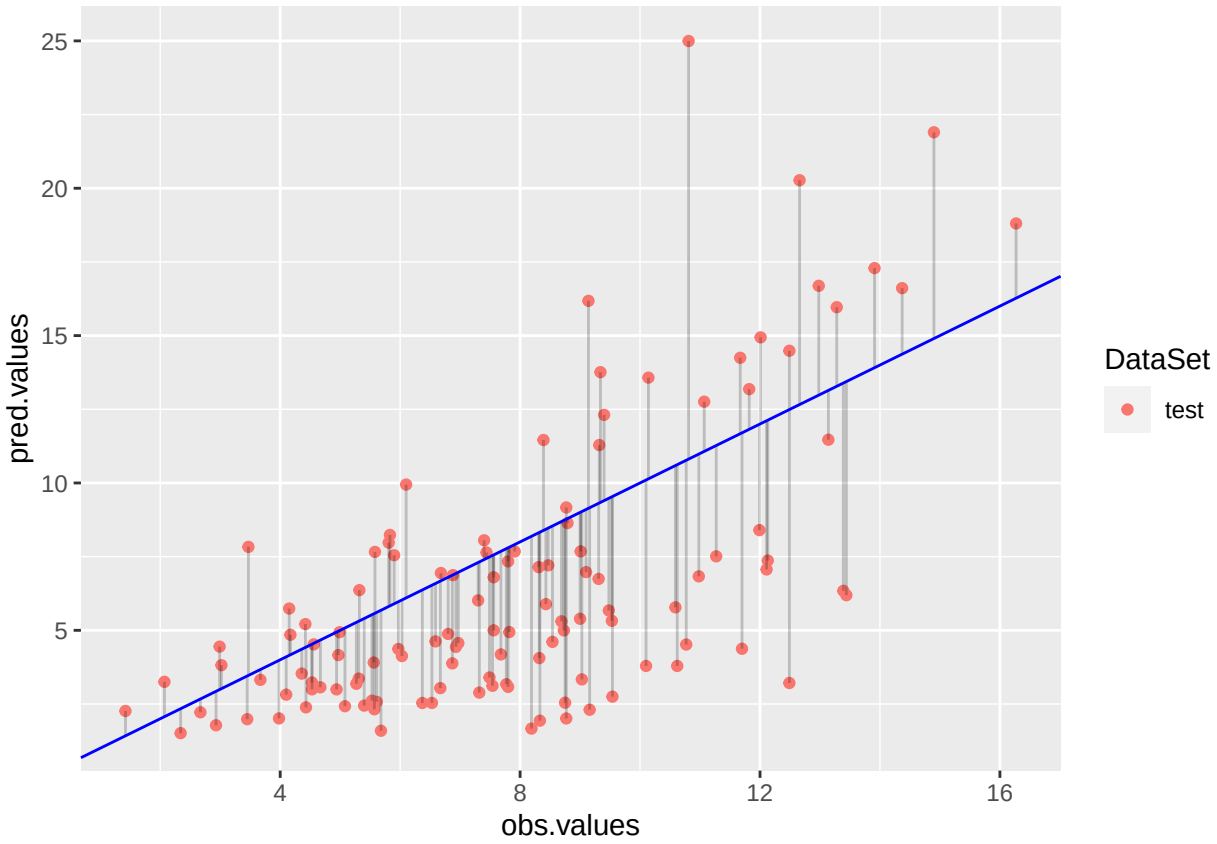
```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.370000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.640000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.680000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.070000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.310000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.800000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.930000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.530000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.570000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.040000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.850000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.300000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.210000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.050000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.410000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.320000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.880000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.390000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 10.270000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.360000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 3.130000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.950000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 8.670000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.580000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.280000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 12.610000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 11.220000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.200000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.740000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 5.170000
```

```
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.100000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.440000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 6.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 7.630000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 4.420000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 2.660000
## Warning in dpois(y, mu, log = TRUE): non-integer x = 9.240000
##                    2.5 %       97.5 %
## (Intercept)  0.180318227  1.475105020
## CompPrice    0.029362442  0.040737494
## Income       0.001314454  0.006668511
## Price       -0.036786135 -0.030067085
```

```
# See how model performs
# need to set type to 'response' to get exponentiated predictions
pred.values <- predict(pois.model.with.weights, newdata = carseats.df[test.idx, ],
                       type = "response")
obs.values <- carseats.df[test.idx, ]$Sales

# find the R2 for test data
(R.squared <- round((cor(pred.values, obs.values) ^ 2), 3))
```

```
## [1] 0.425
```

```
# R squared is 0.425 which is back to what is was
# lets plot residuals:

plot.data <- data.frame("Pred.values" = pred.values, "obs.values" = obs.values,
                                  "DataSet" = "test")
residuals <- obs.values - pred.values

plot.residuals <- data.frame("x" = obs.values, "y" = pred.values,
                "x1" = obs.values, "y2" = pred.values + residuals,
                "DataSet" = "test")

ggplot() +
        # plot test samples
        geom_point(data = plot.data,
            aes(x = obs.values, y = pred.values, color = DataSet)) +
        # plot residuals
        geom_segment(data = plot.residuals, alpha = 0.2,
            aes(x = x, y = y, xend = x1, yend = y2, group = DataSet)) +
        # plot optimal regressor
        geom_abline(color = "blue", slope = 1)
```




```
# confidence bands for a negative binomial can be found in the following way:

# predict on the link level, which is more Gaussian:
preds.nb.ci <- predict(neg.bin.model.with.weights,
                       newdata = carseats.df[test.idx, ],
                       type = "link", se.fit = TRUE)

# compute confidence intervals
ilink <- family(neg.bin.model.with.weights)$linkinv # exponential

## parameters of the negative binomial
theta <- neg.bin.model.with.weights$theta # 'r' parameter of negative binomial (nbr of successes)

mu <- preds.nb.ci$fit # mean of negative binomial varies per fitted point

p <- theta / (theta + mu) # probability of success parametrization of negative binomial


# find 95% CI for normal distribution
# (we're not taking these values from the negative binomial because SEs are for normal distribution)

# ci.factor <- qnbinom(1 - (1 - CI.int)/2, size = theta,
#                      mu = as.numeric(preds.nb.ci$fit)) # different factors per observation

ci.factor <- 1.96
CI.int <- 0.95
```

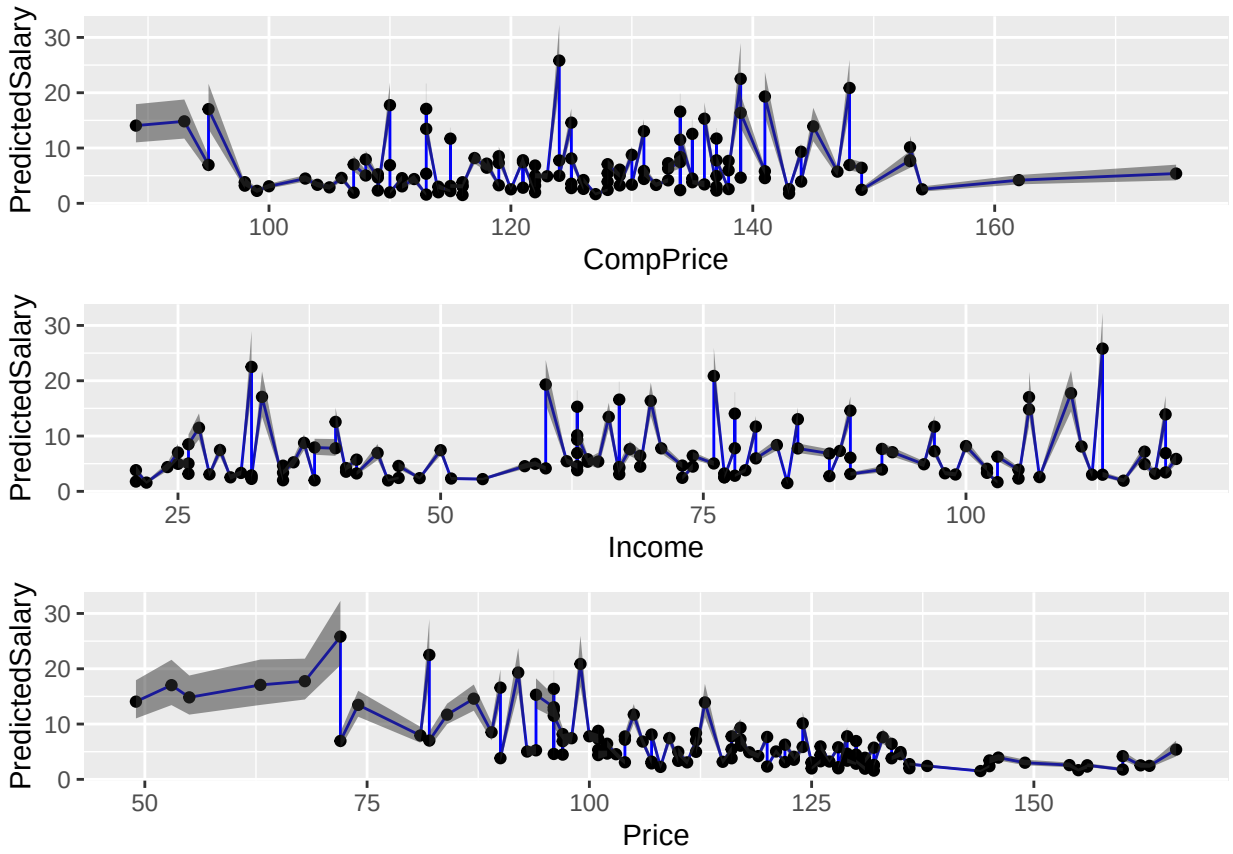
```r
# calculate CIs:
df <- data.frame(carseats.df[test.idx, ],
                 "PredictedSalary" = ilink(preds.nb.ci$fit),
                 "Lower" = ilink(preds.nb.ci$fit - ci.factor * preds.nb.ci$se.fit),
                "Upper" = ilink(preds.nb.ci$fit + ci.factor * preds.nb.ci$se.fit))

df
```

```
##     Sales CompPrice Income Price PredictedSalary     Lower     Upper
## 4    7.40       117    100    97        8.185795  7.144752  9.378525
## 5    4.15       141     64   128        5.801876  5.145624  6.541824
## 6   10.81       124    113    72       25.811451 20.640069 32.278526
## 11   9.01       121     78   100        7.791156  6.972173  8.706339
## 13   3.98       122     35   136        2.001045  1.781562  2.247569
## 19  13.91       110    110    68       17.753752 14.442302 21.824478
## 20   8.73       129     76   121        5.042635  4.627262  5.495294
## 22  12.13       134     29   109        7.461703  6.302830  8.833653
## 23   5.08       128     46   138        2.420777  2.203515  2.659462
## 25  10.14       145    119   113       13.916669 11.216268 17.267212
## 26  14.90       139     32    82       22.510621 17.479834 28.989294
## 27   8.33       107    115   131        1.929187  1.601244  2.324295
## 28   5.27        98    118   107        3.197299  2.624986  3.894391
## 29   2.99       103     74    97        4.475869  3.926518  5.102078
## 34   8.77       114     38   128        1.998912  1.769001  2.258703
## 35   2.67       115     54   128        2.211216  2.007542  2.435554
## 36  11.07       131     84    96       13.043114 11.196167 15.194737
## 39   6.59       109     73   102        4.657475  4.173692  5.197334
## 41   2.07       119     98   126        3.265012  2.911950  3.660881
## 46   4.56       141     63   135        4.558776  4.073887  5.101378
## 51   1.42        99     32   108        2.253290  1.888413  2.688668
## 53   7.91       153     40   129        7.787753  6.417567  9.450482
## 61   8.32       122    102   123        4.086920  3.628926  4.602714
## 62   7.32       105     32   107        2.884723  2.464294  3.376881
## 64   8.47       119     88   101        7.307855  6.520173  8.190695
## 65   7.80       100     67   104        3.084708  2.685583  3.543149
## 69  13.39       149     69   134        6.421674  5.519233  7.471672
## 79   4.43       134     48   145        2.383097  2.152935  2.637864
## 80   9.14       134     67    90       16.585442 13.858055 19.849603
## 84   4.42       109     36    94        5.249398  4.485750  6.143048
## 88  11.70       131     67   126        4.405616  4.056080  4.785272
## 93   4.53       114    113   125        3.006579  2.575434  3.509900
## 95   8.39       115     97    84       11.696539  9.991569 13.692445
## 97   9.48       147     42   132        5.731434  4.892993  6.713547
## 99  12.49       122     77   127        3.222433  2.981650  3.482661
## 111  9.00       128     62   116        5.443809  4.972122  5.960244
## 113  6.67       116     99   125        3.048431  2.700929  3.440642
## 115  9.31       122     87   106        6.835540  6.143513  7.605518
## 116  8.54       139     35   129        4.639951  4.035698  5.334678
## 121  6.87       128    105   131        3.905278  3.431589  4.444355
## 122 11.67       125     89    87       14.589335 12.413896 17.146004
## 124  8.19       127    103   155        1.658508  1.413795  1.945578
## 126  9.34        89     78    49       14.056092 11.020746 17.927436
## 127 11.27       153     68   133        7.626049  6.412905  9.068688
## 133  9.54       125     87   136        2.753413  2.498210  3.034686
```

```
## 135  3.67       132     31   131        3.326504  2.931317  3.774969
## 141  6.03       133     60   129        4.152593  3.802794  4.534569
## 143  7.44       124     84   104        7.757458  6.940103  8.671074
## 146  8.77       144     63   117        9.329398  7.989755 10.893661
## 149  7.56       110    119    97        6.898965  5.805404  8.198520
## 152 10.77       111     58   103        4.546450  4.072843  5.075129
## 161  4.67       111     28   111        3.067308  2.642087  3.560964
## 162  2.93       143     21   160        1.767987  1.491910  2.095153
## 169  7.30       129     89   117        6.089255  5.479191  6.767244
## 172 12.49        93    106    55       14.827217 11.708473 18.776689
## 173  9.03       104    102   110        3.348400  2.879919  3.893089
## 176  7.54       115     89   122        3.126157  2.819553  3.466101
## 177  5.61       138    107   154        2.577846  2.186308  3.039503
## 181  4.94       137    112   149        3.007711  2.542775  3.557659
## 184  5.32       118     74   102        6.438681  5.815586  7.128537
## 190 12.11       118    117   104        7.173467  6.116524  8.413050
## 191  8.79       130     37   101        8.769451  7.460114 10.308591
## 193  7.56       108     26    93        5.030732  4.208942  6.012975
## 194 13.28       139     70    96       16.366869 13.629465 19.654065
## 201  5.56       144     92   146        3.934203  3.408049  4.541587
## 203  4.10       121     78   130        2.821046  2.598046  3.063186
## 206  5.68       113     22   132        1.578085  1.346452  1.849567
## 207  4.97       162     67   160        4.191047  3.431606  5.118557
## 210  3.02        98     21    90        3.824476  3.103215  4.713376
## 211  4.36       125     41   123        3.543097  3.195862  3.928060
## 216  2.34       116     83   144        1.500539  1.319614  1.706271
## 220 10.62       116     79   116        3.809996  3.491740  4.157260
## 221 10.59       131    120   124        5.854893  4.955077  6.918112
## 223  7.49       136    119   145        3.420265  2.861090  4.088726
## 224  3.45       110     45   125        1.975243  1.747835  2.232240
## 226  6.68       107     25    82        7.017718  5.740325  8.579369
## 228  8.69       113     64   101        5.353011  4.812884  5.953755
## 229  5.40       149     73   163        2.444921  2.099105  2.847707
## 233 13.14       137     80   105       11.708534 10.064585 13.621005
## 236  5.53       126     32   132        2.609015  2.318168  2.936351
## 242 12.01       136     63    94       15.298887 12.812282 18.268091
## 244  7.82       124     25   110        4.974262  4.269258  5.795687
## 251  9.16       137    105   156        2.306020  1.959567  2.713726
## 253  8.31       133     97   117        7.252509  6.372318  8.254279
## 259  3.47       108     38    81        7.932561  6.621044  9.503867
## 263  6.37       120     77   132        2.533913  2.325640  2.760838
## 264  7.77       116     26   115        3.173448  2.748886  3.663582
## 266  5.31       130     35   129        3.370098  3.000334  3.785431
## 267  9.10       128     93   112        7.075675  6.299091  7.948000
## 268  5.83       134     82   112        8.371791  7.399512  9.471826
## 271 11.99       119     26    89        8.515063  7.056046 10.275768
## 273 12.98       113     33    63       17.076611 13.458764 21.666971
## 277  6.93       135     69   130        4.471491  4.076738  4.904469
## 285  6.97       106     46    96        4.593683  3.981876  5.299494
## 288  6.88        95     44    72        6.947561  5.653636  8.537622
## 290  8.75       143     77   156        2.545252  2.233683  2.900279
## 293 11.82       113     66    74       13.465475 11.323443 16.012711
## 295 12.66       148     76    99       20.862683 16.768456 25.956565
## 299 10.98       148     63   130        6.924540  5.949852  8.058899
```

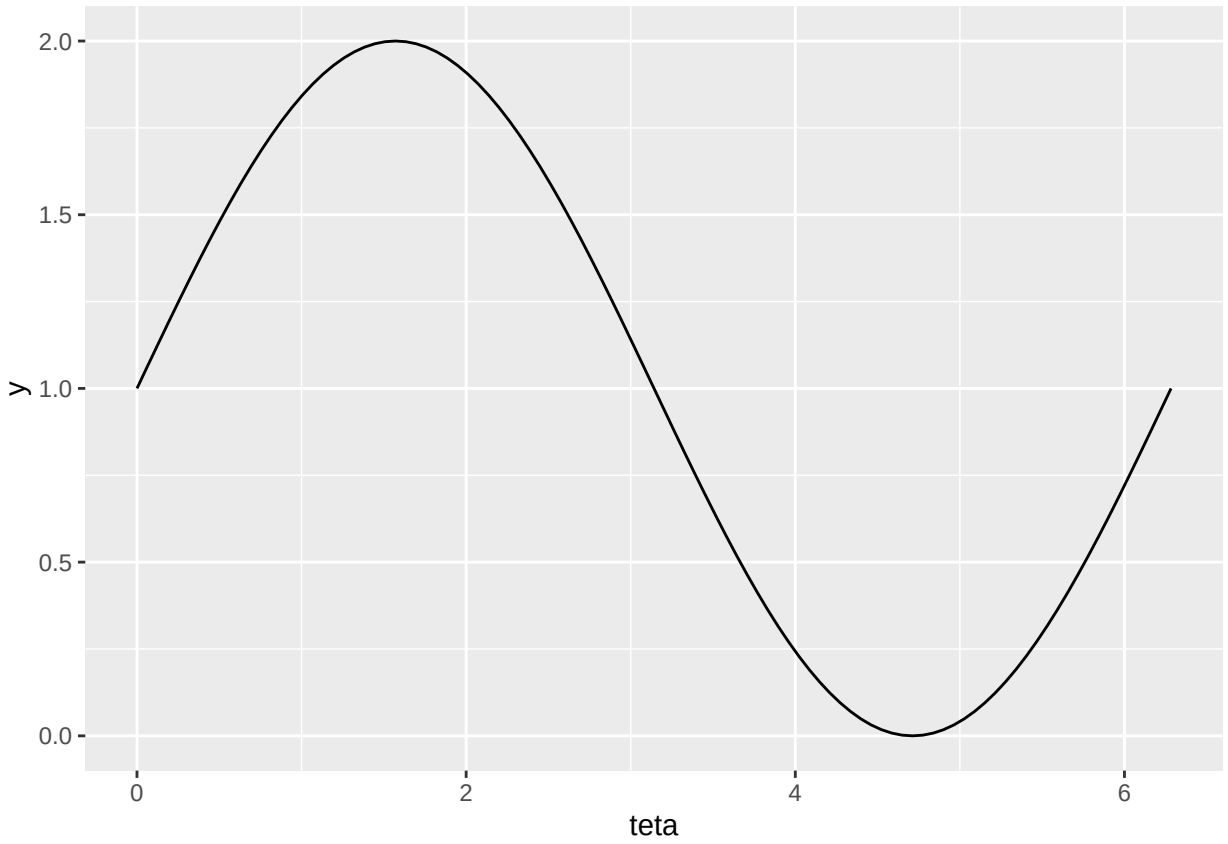
```
## 300  9.40       135     40    96       12.559758 10.412042 15.150489
## 308  5.90       138     92   120        7.667297  6.694481  8.781479
## 311  9.53       175     65   166        5.384242  4.145858  6.992535
## 313  6.80       137    117   135        4.931771  4.159569  5.847329
## 331  4.99       122     59   112        4.975325  4.550910  5.439321
## 332 10.10       135     63   134        3.810430  3.482316  4.169461
## 339  5.97       112     24   101        4.386817  3.712699  5.183335
## 345  8.43       138     80   126        5.957971  5.313490  6.680622
## 350  9.32       134     27    96       11.493972  9.378895 14.086030
## 353 13.44       133    103   122        6.274933  5.482999  7.181249
## 359  4.17       123     96   118        4.894467  4.396303  5.449079
## 366  6.53       154     30   162        2.533825  2.103728  3.051855
## 368 14.37        95    106    53       17.034627 13.423439 21.617301
## 371  7.68       126     41   119        4.203768  3.771034  4.686160
## 373  7.80       121     50    98        7.435354  6.532462  8.463042
## 374  5.58       137     71   116        7.775942  6.877116  8.792243
## 377 16.27       141     60    92       19.315090 15.708678 23.749467
## 380  5.81       125    111   107        8.109011  6.981312  9.418867
## 392  6.10       153     63   124       10.133975  8.397126 12.230071
## 393  4.53       129     42   130        3.235447  2.925486  3.578249
## 394  5.57       109     51   120        2.314063  2.061972  2.596974
```

```r
# Using the constructed data frame containing the values of the features in the test set as well as the

# plot estimates vs individual features in the test set
plots <- list()
for (feature in colnames(carseats.df)) {
    if (feature == "Sales") {
        next
    }
    p <- ggplot(df, aes_string(x = feature,
                        y = "PredictedSalary")) +
      geom_line(colour = "blue") +
      geom_point() +
      geom_ribbon(aes(ymin = Lower, ymax = Upper),
                  alpha = 0.5)
      plots[[feature]] <- p
}
library(gridExtra)
grid.arrange(plots[[1]], plots[[2]], plots[[3]])
```

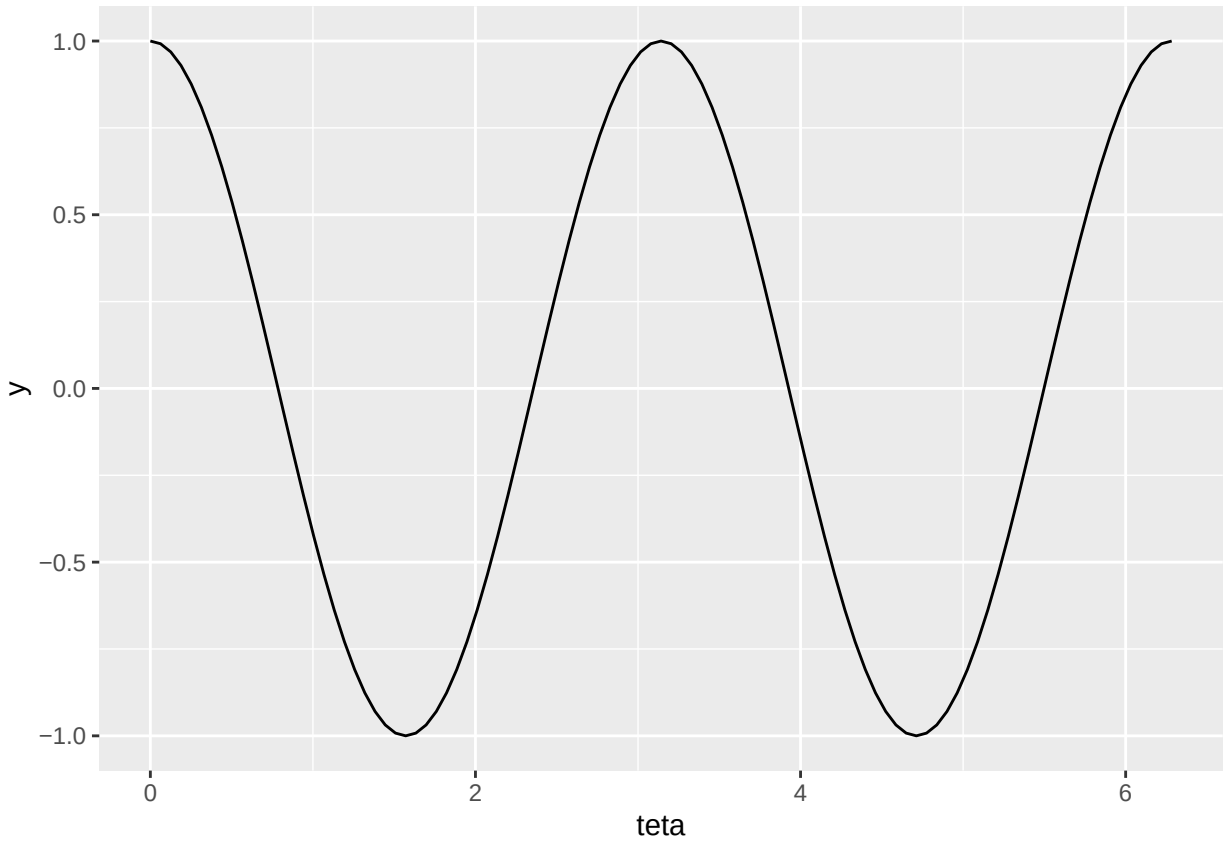



```
# These graphs shows high confedence when predicted salary is between 10 and 30
```

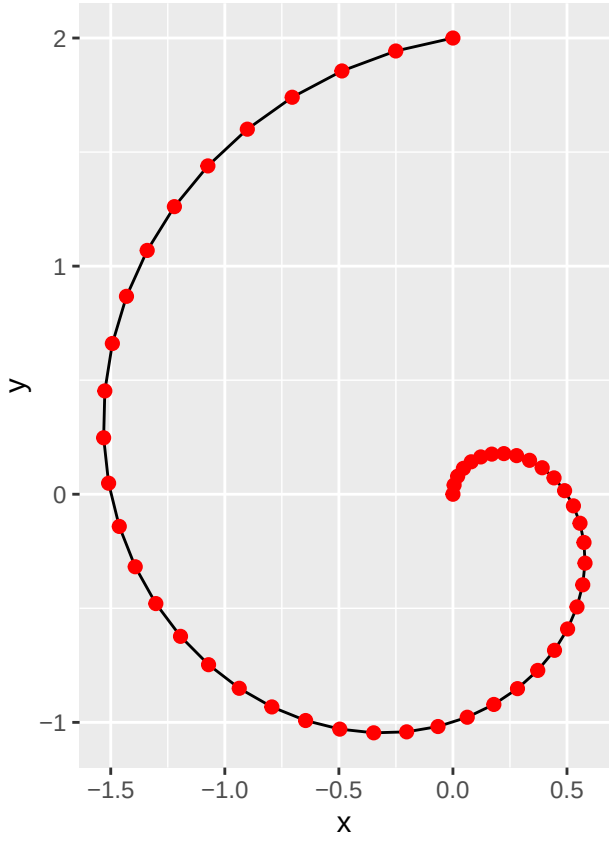
```
fun1 <- function(teta) {1 + sin(teta)}
p <- ggplot(tibble(teta = 0:2*pi), aes(x = teta)) + stat_function(fun = fun1)
p
```




```
fun2 <- function(teta){cos(2*teta)}
df <- tibble(teta=0:2*pi)
ggplot(df, aes(x = teta)) + stat_function(fun = fun2)
```




```
#----------- polar coordinate if you know how to transform polar equation into cartesian----------------

df <- tibble(r = seq(0, 2, length = 50), teta = seq(0, 2*pi, length = 50))
transformed <- transform(df,
  x = r * sin(teta),
  y = r * cos(teta)
)

ggplot(transformed, aes(x, y)) +
  geom_path() +
  geom_point(size = 2, colour = "red") +
  coord_fixed()
```



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