Descriptives

Charleen D. Adams

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```
############################
setwd("~/Dropbox/Bristol") #home
#setwd("C:/Users/ca16591/Dropbox/Bristol") #Oakfield
library(Hmisc)
```

```
## Loading required package: lattice
```

```
## Loading required package: survival
```

```
## Loading required package: Formula
```

```
## Loading required package: ggplot2
```

```
##
## Attaching package: 'Hmisc'
```

```
## The following objects are masked from 'package:base':
##
##     format.pval, units
```

```
library(psych)
```

```
##
## Attaching package: 'psych'
```

```
## The following object is masked from 'package:Hmisc':
##
##     describe
```

```
## The following objects are masked from 'package:ggplot2':
##
##     %+%, alpha
```

```
win_pheno <- readRDS("winsored.pheno.RData")
#load("SpecificAnxiety.data.Rdata")
describe(win_pheno)
```

```
##              vars    n     mean      sd  median  trimmed     mad      min
## aln             1 7922 41429.18 6949.03 40992.5 41251.69 7979.35 30001.00
## alnqlet         2 7922 41429.18 6949.03 40992.5 41251.69 7979.35 30001.00
## psych.meds      3 7922     0.07    0.25     0.0     0.00    0.00     0.00
## anx.score       4 7922    14.30    8.88    13.0    13.46    8.90     0.00
## anx.dichot      5 7922     0.15    0.36     0.0     0.07    0.00     0.00
## sex             6 7922     0.51    0.50     1.0     0.51    0.00     0.00
## mat.ses         7 7922     0.41    0.49     0.0     0.38    0.00     0.00
## mat.age         8 7922    28.88    4.60    29.0    28.84    4.45    15.00
## mat.smoke       9 7922     0.40    0.78     0.0     0.25    0.00     0.00
## gest.age       10 7922    39.59    1.61    40.0    39.72    1.48    26.00
## bw             11 7922  3459.12  504.44  3460.0  3465.81  474.43   815.00
## bw.wins        12 7922  3460.53  497.40  3460.0  3465.81  474.43  1945.79
## gest.wins      13 7922    39.61    1.53    40.0    39.72    1.48    34.75
## mat.age.wins   14 7922    28.88    4.60    29.0    28.84    4.45    15.07
```

```
## anx.contwins   15 7922    14.28    8.82    13.0    13.46    8.90     0.00
##                   max    range  skew kurtosis    se
## aln          54345.00 24344.00  0.21    -1.04 78.07
## alnqlet      54345.00 24344.00  0.21    -1.04 78.07
## psych.meds       1.00     1.00  3.44     9.82  0.00
## anx.score       48.00    48.00  0.85     0.43  0.10
## anx.dichot       1.00     1.00  1.92     1.67  0.00
## sex              1.00     1.00 -0.03    -2.00  0.01
## mat.ses          1.00     1.00  0.38    -1.85  0.01
## mat.age         45.00    30.00  0.09     0.01  0.05
## mat.smoke        2.00     2.00  1.50     0.34  0.01
## gest.age        45.00    19.00 -1.26     4.33  0.02
## bw            5640.00  4825.00 -0.21     0.89  5.67
## bw.wins       4972.45  3026.67 -0.11     0.31  5.59
## gest.wins       44.44     9.69 -0.72     0.71  0.02
## mat.age.wins    42.70    27.63  0.09    -0.01  0.05
## anx.contwins    40.94    40.94  0.81     0.24  0.10
```

```
head(win_pheno)
```

```
##     aln alnqlet psych.meds anx.score anx.dichot sex mat.ses mat.age
## 1 30001   30001          0        28          1   0       0      24
## 3 30004   30004          0        17          0   1       0      32
## 4 30008   30008          0        24          1   1       0      33
## 5 30010   30010          1         7          0   1       1      28
## 6 30012   30012          0         6          0   0       0      30
## 7 30013   30013          0        17          0   0       1      30
##   mat.smoke gest.age   bw bw.wins gest.wins mat.age.wins anx.contwins
## 1         0       42 4140    4140        42           24           28
## 3         2       37 3040    3040        37           32           17
## 4         2       39 4200    4200        39           33           24
## 5         0       40 3320    3320        40           28            7
## 6         0       39 3500    3500        39           30            6
## 7         0       39 3540    3540        39           30           17
```

```
x=win_pheno
x$anx_general_contwins <- x$anx.contwins
x$GenderMale <- x$sex
x$maternalagewins <- x$mat.age
x$anxdich <- x$anx.dichot
x$weightwins <- x$bw.wins
x$gestationalagewins <- x$gest.wins
x$SES <- x$mat.ses

colnames(x)
```

```
##  [1] "aln"                  "alnqlet"              "psych.meds"
##  [4] "anx.score"            "anx.dichot"           "sex"
##  [7] "mat.ses"              "mat.age"              "mat.smoke"
## [10] "gest.age"             "bw"                   "bw.wins"
## [13] "gest.wins"            "mat.age.wins"         "anx.contwins"
## [16] "anx_general_contwins" "GenderMale"           "maternalagewins"
## [19] "anxdich"              "weightwins"           "gestationalagewins"
## [22] "SES"
```

```
#describe(SpecificAnxiety.data)

##########################
# Characteristics table (file 6)
#ONLY GIVES ESTIMATES FOR SES IF CONTINUOUS AND NUMERIC. Alter if SES is categorical.
#assumes no anx or anx specific data in each specific dataset
##########################
Charateristicsfunction<- function(x) {
  n <- length(x$aln)
  meananx <- ifelse(!is.null(x$anx_general_contwins), mean(x$anx_general_contwins), NA)
  sdanx <- ifelse(!is.null(x$anx_general_contwins), sd(x$anx_general_contwins), NA)
  minanx <- ifelse(!is.null(x$anx_general_contwins), min(x$anx_general_contwins), NA)
  maxanx <- ifelse(!is.null(x$anx_general_contwins), max(x$anx_general_contwins), NA)
  skewanx <- ifelse(!is.null(x$anx_general_contwins), skew(x$anx_general_contwins), NA)
  highanx <- ifelse(!is.null(x$anxdich), sum(x$anxdich==1), NA) #high anx
  lowanx <- ifelse(!is.null(x$anxdich), sum(x$anxdich==0), NA) #low anx
  anxpart <- rbind(n, meananx, sdanx, minanx,  maxanx, skewanx, highanx, lowanx)
  nfemales <-sum(x$GenderMale==0)
  nmales <-sum(x$GenderMale==1)
  meanmaternalage <- mean(x$maternalagewins)
  sdmaternalage <-  sd(x$maternalagewins)
  minmaternalage <- min(x$maternalagewins)
  maxmaternalage <- max(x$maternalagewins)
  x$msmoke_no <- ifelse(x$mat.smoke ==0, 1, 0 )
  nsmokenever <-sum(x$msmoke_no==1)
  nmsmoke_early <-sum(x$mat.smoke==1)
  nmsmoke_throughout  <-sum(x$mat.smoke ==2)
  meanweight <- mean(x$weightwins)
  sdweight <-  sd(x$weightwins)
  minweight <- min(x$weightwins)
  maxweight <- max(x$weightwins)
  meangestationalage <- mean(x$gestationalagewins)
  sdgestationalage <-  sd(x$gestationalagewins)
  mingestationalage <- min(x$gestationalagewins)
  maxgestationalage <- max(x$gestationalagewins)
  onpsych.meds <- sum(x$psych.meds==1)
  lowSES <- sum(x$SES==0) #low SES
  Tabledescriptives <- rbind(anxpart, nfemales,nmales, meanmaternalage, sdmaternalage,
                             minmaternalage, maxmaternalage, nsmokenever, nmsmoke_early,
                             nmsmoke_throughout, meanweight, sdweight, minweight,maxweight,
                             meangestationalage, sdgestationalage, mingestationalage, maxgestationalage
                             onpsych.meds, lowSES) #putting everything in a table
  Tabledescriptives <- round(Tabledescriptives,2)
  Tabledescriptives
}

#for models 1,2,4,5
#table1.2.4.5 <- Charateristicsfunction(GeneralAnxiety.data)
table1.2.4.5 <- Charateristicsfunction(x)
CharacteristicsTable <- table1.2.4.5
CharacteristicsTable
```

```
##                       [,1]
## n                  7922.00
```

```
## meananx              14.28
## sdanx                 8.82
## minanx                0.00
## maxanx               40.94
## skewanx               0.81
## highanx            1220.00
## lowanx             6702.00
## nfemales           3893.00
## nmales             4029.00
## meanmaternalage      28.88
## sdmaternalage         4.60
## minmaternalage       15.00
## maxmaternalage       45.00
## nsmokenever        6207.00
## nmsmoke_early       269.00
## nmsmoke_throughout 1446.00
## meanweight         3460.53
## sdweight            497.40
## minweight          1945.79
## maxweight          4972.45
## meangestationalage   39.61
## sdgestationalage      1.53
## mingestationalage    34.75
## maxgestationalage    44.44
## onpsych.meds        537.00
## lowSES             4703.00
```

```
#putting tables together
#CharacteristicsTable <- cbind(table1.2.4.5, table3.6, table7.8.10.11, table9.12)
#CharacteristicsTable <- as.data.frame(CharacteristicsTable)
#colnames(CharacteristicsTable) <- c("model1.2.4.5", "model3.6", "model7.8.10.11", "model9.12")
CharacteristicsTable
```

```
##                        [,1]
## n                   7922.00
## meananx               14.28
## sdanx                  8.82
## minanx                 0.00
## maxanx                40.94
## skewanx                0.81
## highanx             1220.00
## lowanx              6702.00
## nfemales            3893.00
## nmales              4029.00
## meanmaternalage       28.88
## sdmaternalage          4.60
## minmaternalage        15.00
## maxmaternalage        45.00
## nsmokenever         6207.00
## nmsmoke_early        269.00
## nmsmoke_throughout  1446.00
## meanweight          3460.53
## sdweight             497.40
## minweight           1945.79
## maxweight           4972.45
```

```
## meangestationalage   39.61
## sdgestationalage      1.53
## mingestationalage    34.75
## maxgestationalage    44.44
## onpsych.meds        537.00
## lowSES             4703.00
```

```
GeneralAnxiety.data=x

#save as CSV file. ADAPT NAME TO YOUR COHORT.
#write.csv(CharacteristicsTable, file = "ALSPAC_Anxiety_Characteristics_2018-02-27.csv")

###############################################################################################
# Frequency table of anxiety measure (file 7)
# Please use the data with the maximal number of participants in the analyses.
library(plyr)
```

```
##
## Attaching package: 'plyr'
```

```
## The following objects are masked from 'package:Hmisc':
##
##     is.discrete, summarize
```

```
AnxietyFrequencyTable = count(GeneralAnxiety.data, 'anx_general_contwins')
#save as CSV file. ADAPT NAME TO YOUR COHORT.
#write.csv(AnxietyFrequencyTable, file = "ALSPAC_EXPOSURE_Frequencies_2018-02-27.csv")

###############################################################################################
# Correlations table (file 8)
#getting p vals
names(GeneralAnxiety.data)
```

```
##  [1] "aln"                  "alnqlet"              "psych.meds"
##  [4] "anx.score"            "anx.dichot"           "sex"
##  [7] "mat.ses"              "mat.age"              "mat.smoke"
## [10] "gest.age"             "bw"                   "bw.wins"
## [13] "gest.wins"            "mat.age.wins"         "anx.contwins"
## [16] "anx_general_contwins" "GenderMale"           "maternalagewins"
## [19] "anxdich"              "weightwins"           "gestationalagewins"
## [22] "SES"
```

```
cor_and_pvalsGeneralAnx<- rcorr(as.matrix(GeneralAnxiety.data[ ,c("anx_general_contwins", "maternalagew
cor_and_pvalsGeneralAnx$r
```

```
##                     anx_general_contwins maternalagewins  weightwins
## anx_general_contwins           1.00000000     -0.08022823 -0.02245032
## maternalagewins               -0.08022823      1.00000000  0.06238808
## weightwins                    -0.02245032      0.06238808  1.00000000
## gestationalagewins            -0.03329110     -0.02503340  0.45525917
##                     gestationalagewins
## anx_general_contwins         -0.0332911
## maternalagewins              -0.0250334
## weightwins                    0.4552592
## gestationalagewins            1.0000000
```

```
cor_and_pvalsGeneralAnx$P
```

```
##                       anx_general_contwins maternalagewins   weightwins
## anx_general_contwins                    NA    8.604228e-13 4.570136e-02
## maternalagewins               8.604228e-13              NA 2.737804e-08
## weightwins                    4.570136e-02    2.737804e-08           NA
## gestationalagewins            3.042124e-03    2.587315e-02 0.000000e+00
##                       gestationalagewins
## anx_general_contwins          0.003042124
## maternalagewins               0.025873148
## weightwins                    0.000000000
## gestationalagewins                    NA
```

```
#table with values and * if p val < 0.05
cor_and_pvalsGeneralAnxTable<- ifelse(cor_and_pvalsGeneralAnx$P<0.05, paste(round(cor_and_pvalsGeneralAn
cor_and_pvalsGeneralAnxTable
```

```
##                       anx_general_contwins maternalagewins weightwins
## anx_general_contwins NA                    "-0.08 *"       "-0.022 *"
## maternalagewins      "-0.08 *"             NA              "0.062 *"
## weightwins           "-0.022 *"            "0.062 *"       NA
## gestationalagewins   "-0.033 *"            "-0.025 *"      "0.455 *"
##                       gestationalagewins
## anx_general_contwins "-0.033 *"
## maternalagewins      "-0.025 *"
## weightwins           "0.455 *"
## gestationalagewins   NA
```

```
#save as CSV file
#write.csv(cor_and_pvalsGeneralAnxTable, file = "ALSPAC_Anxiety_Correlations_2018-02-27.csv")

##############################################################################################

##############################################################################################
# Comparisons table  (file 9)
#Comparison between those with low vs high anxiety
names(GeneralAnxiety.data)
```

```
##  [1] "aln"                  "alnqlet"              "psych.meds"
##  [4] "anx.score"            "anx.dichot"           "sex"
##  [7] "mat.ses"              "mat.age"              "mat.smoke"
## [10] "gest.age"             "bw"                   "bw.wins"
## [13] "gest.wins"            "mat.age.wins"         "anx.contwins"
## [16] "anx_general_contwins" "GenderMale"           "maternalagewins"
## [19] "anxdich"              "weightwins"           "gestationalagewins"
## [22] "SES"
```

```
comparisontablefunction <- function(x) {
  lowanxgroup <- subset(x[x$anxdich == 0, ])
  highanxgroup <- subset(x[x$anxdich == 1, ])
  descriptivessubsets <- function(x) {
    nfemales <-sum(x$GenderMale==0)
    nmales <-sum(x$GenderMale==1)
    lowSES <-sum(x$SES==0)
    highSES <-sum(x$SES==1)
    meanmaternalage <- mean(x$maternalagewins)
```

```
    sdmaternalage <-  sd(x$maternalagewins)
    minmaternalage <- min(x$maternalagewins)
    maxmaternalage <- max(x$maternalagewins)
    nmsmoke_no <- ifelse(x$mat.smoke ==0, 1, 0 )
    nmsmoke_no <-sum(x$msmoke_no==1)
    nmsmoke_early <-sum(x$mat.smoke==1)
    nmsmoke_throughout  <-sum(x$mat.smoke ==2)
    meanweight <- mean(x$weightwins)
    sdweight <-  sd(x$weightwins)
    minweight <- min(x$weightwins)
    maxweight <- max(x$weightwins)
    meangestationalage <- mean(x$gestationalagewins)
    sdgestationalage <-  sd(x$gestationalagewins)
    mingestationalage <- min(x$gestationalagewins)
    maxgestationalage <- max(x$gestationalagewins)
    #to account for medication missing in some samples:
    meanpsych.meds <- mean(x$psych.meds)
    sdpsych.meds <-  sd(x$psych.meds)
    minpsych.meds <- min(x$psych.meds)
    maxpsych.meds <- max(x$psych.meds)
    #putting things together
    tabledescriptivessubset <- rbind(nfemales, nmales, lowSES, highSES, meanmaternalage, sdmaternalage,
                                     minmaternalage, maxmaternalage, nmsmoke_no, nmsmoke_early, nmsmoke
                                     sdgestationalage, mingestationalage, maxgestationalage, meanpsych.
    tabledescriptivessubset}
  tabledescriptivessubsetlowanx <- descriptivessubsets(lowanxgroup)
  tabledescriptivessubsethighanx <- descriptivessubsets(highanxgroup)
  tabledescriptivescomplete <- cbind(tabledescriptivessubsetlowanx, tabledescriptivessubsethighanx)
  tabledescriptivescomplete <- round(tabledescriptivescomplete, 2)
  tabledescriptivescomplete <- as.data.frame(tabledescriptivescomplete)
  colnames(tabledescriptivescomplete) <- c( "Lowanxietygroup", "Highanxietygroup")
  tabledescriptivescomplete
}

#apply function to your data
ComparisonsAnxietyTable <- comparisontablefunction(GeneralAnxiety.data)
ComparisonsAnxietyTable
```

```
##                     Lowanxietygroup Highanxietygroup
## nfemales                    3306.00           587.00
## nmales                      3396.00           633.00
## lowSES                      3890.00           813.00
## highSES                     2812.00           407.00
## meanmaternalage               29.02            28.13
## sdmaternalage                  4.52             5.00
## minmaternalage                16.00            15.00
## maxmaternalage                44.00            45.00
## nmsmoke_no                     0.00             0.00
## nmsmoke_early                201.00            68.00
## nmsmoke_throughout          1094.00           352.00
## meanweight                  3464.29          3439.87
## sdweight                     493.74           516.71
## minweight                   1945.79          1945.79
## maxweight                   4972.45          4972.45
```

```
## meangestationalage          39.63           39.51
## sdgestationalage             1.52            1.58
## mingestationalage           34.75           34.75
## maxgestationalage           44.44           44.00
## meanpsych.meds               0.05            0.18
## sdpsych.meds                 0.21            0.39
## minpsych.meds                0.00            0.00
## maxpsych.meds                1.00            1.00
```

```
#save file as csv. ADAPT NAME TO YOUR COHORT.
#write.csv(ComparisonsAnxietyTable, file = "ALSPAC_Anxiety_Comparisons_2018-03-01.csv")
#checking
describe(GeneralAnxiety.data[GeneralAnxiety.data$anxdich == 0, ])
```

```
##                       vars    n     mean      sd  median  trimmed     mad
## aln                      1 6702 41451.14 6963.25 41065.5 41275.01 8017.90
## alnqlet                  2 6702 41451.14 6963.25 41065.5 41275.01 8017.90
## psych.meds               3 6702     0.05    0.21     0.0     0.00    0.00
## anx.score                4 6702    11.41    5.82    11.0    11.31    7.41
## anx.dichot               5 6702     0.00    0.00     0.0     0.00    0.00
## sex                      6 6702     0.51    0.50     1.0     0.51    0.00
## mat.ses                  7 6702     0.42    0.49     0.0     0.40    0.00
## mat.age                  8 6702    29.02    4.52    29.0    28.97    4.45
## mat.smoke                9 6702     0.36    0.75     0.0     0.20    0.00
## gest.age                10 6702    39.61    1.60    40.0    39.74    1.48
## bw                      11 6702  3462.90  500.94  3460.0  3468.77  459.61
## bw.wins                 12 6702  3464.29  493.74  3460.0  3468.77  459.61
## gest.wins               13 6702    39.63    1.52    40.0    39.74    1.48
## mat.age.wins            14 6702    29.02    4.51    29.0    28.97    4.45
## anx.contwins            15 6702    11.41    5.82    11.0    11.31    7.41
## anx_general_contwins    16 6702    11.41    5.82    11.0    11.31    7.41
## GenderMale              17 6702     0.51    0.50     1.0     0.51    0.00
## maternalagewins         18 6702    29.02    4.52    29.0    28.97    4.45
## anxdich                 19 6702     0.00    0.00     0.0     0.00    0.00
## weightwins              20 6702  3464.29  493.74  3460.0  3468.77  459.61
## gestationalagewins      21 6702    39.63    1.52    40.0    39.74    1.48
## SES                     22 6702     0.42    0.49     0.0     0.40    0.00
##                          min      max    range  skew kurtosis    se
## aln                  30004.00 54345.00 24341.00  0.20    -1.05 85.06
## alnqlet              30004.00 54345.00 24341.00  0.20    -1.05 85.06
## psych.meds               0.00     1.00     1.00  4.27    16.25  0.00
## anx.score                0.00    23.00    23.00  0.13    -0.91  0.07
## anx.dichot               0.00     0.00     0.00   NaN      NaN  0.00
## sex                      0.00     1.00     1.00 -0.03    -2.00  0.01
## mat.ses                  0.00     1.00     1.00  0.33    -1.89  0.01
## mat.age                 16.00    44.00    28.00  0.11     0.01  0.06
## mat.smoke                0.00     2.00     2.00  1.68     0.91  0.01
## gest.age                26.00    45.00    19.00 -1.27     4.49  0.02
## bw                     815.00  5640.00  4825.00 -0.20     0.93  6.12
## bw.wins               1945.79  4972.45  3026.67 -0.10     0.33  6.03
## gest.wins               34.75    44.44     9.69 -0.72     0.72  0.02
## mat.age.wins            16.00    42.70    26.70  0.10     0.00  0.06
## anx.contwins             0.00    23.00    23.00  0.13    -0.91  0.07
## anx_general_contwins     0.00    23.00    23.00  0.13    -0.91  0.07
## GenderMale               0.00     1.00     1.00 -0.03    -2.00  0.01
```

```
## maternalagewins         16.00    44.00    28.00  0.11     0.01  0.06
## anxdich                  0.00     0.00     0.00   NaN      NaN  0.00
## weightwins            1945.79  4972.45  3026.67 -0.10     0.33  6.03
## gestationalagewins      34.75    44.44     9.69 -0.72     0.72  0.02
## SES                      0.00     1.00     1.00  0.33    -1.89  0.01
```

```
describe(GeneralAnxiety.data[GeneralAnxiety.data$anxdich == 1, ])
```

```
##                       vars    n     mean      sd  median  trimmed     mad
## aln                      1 1220 41308.56 6871.97 40740.5 41124.96 7678.39
## alnqlet                  2 1220 41308.56 6871.97 40740.5 41124.96 7678.39
## psych.meds               3 1220     0.18    0.39     0.0     0.10    0.00
## anx.score                4 1220    30.17    5.29    29.0    29.54    4.45
## anx.dichot               5 1220     1.00    0.00     1.0     1.00    0.00
## sex                      6 1220     0.52    0.50     1.0     0.52    0.00
## mat.ses                  7 1220     0.33    0.47     0.0     0.29    0.00
## mat.age                  8 1220    28.13    5.00    28.0    28.08    4.45
## mat.smoke                9 1220     0.63    0.90     0.0     0.54    0.00
## gest.age                10 1220    39.49    1.67    40.0    39.64    1.48
## bw                      11 1220  3438.35  523.01  3460.0  3448.50  504.08
## bw.wins                 12 1220  3439.87  516.71  3460.0  3448.50  504.08
## gest.wins               13 1220    39.51    1.58    40.0    39.64    1.48
## mat.age.wins            14 1220    28.12    4.99    28.0    28.08    4.45
## anx.contwins            15 1220    30.05    4.99    29.0    29.54    4.45
## anx_general_contwins    16 1220    30.05    4.99    29.0    29.54    4.45
## GenderMale              17 1220     0.52    0.50     1.0     0.52    0.00
## maternalagewins         18 1220    28.13    5.00    28.0    28.08    4.45
## anxdich                 19 1220     1.00    0.00     1.0     1.00    0.00
## weightwins              20 1220  3439.87  516.71  3460.0  3448.50  504.08
## gestationalagewins      21 1220    39.51    1.58    40.0    39.64    1.48
## SES                     22 1220     0.33    0.47     0.0     0.29    0.00
##                          min      max    range  skew kurtosis     se
## aln                  30001.00 54336.00 24335.00  0.23    -1.00 196.74
## alnqlet              30001.00 54336.00 24335.00  0.23    -1.00 196.74
## psych.meds               0.00     1.00     1.00  1.65     0.74   0.01
## anx.score               24.00    48.00    24.00  0.94     0.21   0.15
## anx.dichot               1.00     1.00     0.00   NaN      NaN   0.00
## sex                      0.00     1.00     1.00 -0.08    -2.00   0.01
## mat.ses                  0.00     1.00     1.00  0.70    -1.50   0.01
## mat.age                 15.00    45.00    30.00  0.13    -0.07   0.14
## mat.smoke                0.00     2.00     2.00  0.79    -1.30   0.03
## gest.age                29.00    44.00    15.00 -1.20     3.54   0.05
## bw                    1040.00  5100.00  4060.00 -0.25     0.66  14.97
## bw.wins               1945.79  4972.45  3026.67 -0.15     0.17  14.79
## gest.wins               34.75    44.00     9.25 -0.71     0.64   0.05
## mat.age.wins            15.07    42.70    27.63  0.11    -0.12   0.14
## anx.contwins            24.00    40.94    16.94  0.72    -0.51   0.14
## anx_general_contwins    24.00    40.94    16.94  0.72    -0.51   0.14
## GenderMale               0.00     1.00     1.00 -0.08    -2.00   0.01
## maternalagewins         15.00    45.00    30.00  0.13    -0.07   0.14
## anxdich                  1.00     1.00     0.00   NaN      NaN   0.00
## weightwins            1945.79  4972.45  3026.67 -0.15     0.17  14.79
## gestationalagewins      34.75    44.00     9.25 -0.71     0.64   0.05
## SES                      0.00     1.00     1.00  0.70    -1.50   0.01
```

```r
table(GeneralAnxiety.data$anxdich)
```

```
##
##    0    1
## 6702 1220
```

```r
table(GeneralAnxiety.data$mat.smoke==1, GeneralAnxiety.data$anxdich)
```

```
##
##            0    1
##   FALSE 6501 1152
##   TRUE   201   68
```