SARA- Screening data for Focus Group Participants

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```r
# remove first 2 rows
screendat = screendat[-c(1,2) , ]

# re-factor everything
screendat[, "A1"] = factor(screendat$A1)
screendat[, "B1_ATHL"] = factor(screendat$B1_ATHL, exclude = "")
screendat[, "B1_GRK"] = factor(screendat$B1_GRK, exclude = "")
screendat[, "B1_LDR"] = factor(screendat$B1_LDR, exclude = "")
screendat[, "B1_HLTH"] = factor(screendat$B1_HLTH, exclude = "")
screendat[, "C1"] = factor(screendat$C1, exclude = "")

# naming
age = screendat$A1
activity = screendat[, c("B1_ATHL", "B1_GRK", "B1_LDR", "B1_HLTH")]
colnames(activity) = c("athleticEvent", "greeklife", "leadership", "healthOrg")
celltype = screendat$C1
levels(celltype) <- c("iPhone", "Android", "Windows")

focusgroupID = read.csv("Response IDs of Focus Group Participants.csv")
focusgroupID = as.character.factor(focusgroupID[,1])
screendat[,"ResponseId"] = as.character(screendat$ResponseId)

in_fg = screendat$ResponseId %in% focusgroupID
screendat[, "isFocusGroup"] = as.numeric(in_fg)

ind = c(which(screendat$isFocusGroup == 1))
screendatNew = screendat[ind, ]
write.csv(screendatNew, file = "screendat_new.csv")

screendatNew = read.csv("screendat_new.csv")
# collect number of columns to index n
dat = screendatNew %>%
  select(-X) %>%
  select(-StartDate) %>%
  select(-EndDate) %>%
  select(-Duration..in.seconds.) %>%
  select(-Finished) %>%
  select(-RecordedDate) %>%
  select(-ResponseId) %>%
  select(-A3_3_TEXT) %>%
  select(-A7_6_TEXT) %>%
  select(-C1_4_TEXT) %>%
  select(-C3_11_TEXT) %>%
  select(-C7_6_TEXT) %>%
  select(-C5)
n = length(colnames(dat))

# collect names of columns to properly label tables
```

```r
name = colnames(dat)[1:n]

# write a loop to generate tables
for(i in 1:n){
  tempdat = dat[,i]
  name = colnames(dat)[i]
  tempdat = factor(tempdat, exclude = "")
  tbl = table(tempdat, dnn = name)
  print(tbl)
}
```

```
## A1
## 18 19 20 21
##  2  7  8  4
## A2
##  1
## 21
## A3
##  1  2
## 20  1
## A4
## 2 3 4
## 8 7 6
## A5
##  1  2
## 10 11
## A6
##  0  1
## 19  2
## A7
##    1,5     2 2,3,5     5     6
##      1     2     1    16     1
## B1_ATHL
##  0  1
##  1 20
## B1_GRK
##  0  1
## 17  4
## B1_LDR
##  0  1
##  8 13
## B1_HLTH
##  0  1
## 17  4
## C1
##  1  2  3
## 19  1  1
## C2
##  0  1
##  2 19
## C3
##    1,6,7,10       1,7,9          10 2,3,4,6,7,8 2,3,7,9,10         2,7
##           1           1           1           1          1           1
##      2,7,10         2,8 3,4,6,7,10       3,4,7     3,6,7,8     5,6,7,8
```

```
##              1                1           1              1              1              1
##       6,7,10    6,7,8,10              7            7,8        7,9,10           8,10
##              2                1           1              1              1              1
## C4_MEME
##     0     1     2     3 <NA>
##     7     7     4     1     2
## C4_PUSH
##     0     1     2     3 <NA>
##     1     5    10     3     2
## C4_INCENT
##     2     3 <NA>
##     3    16     2
## C4_UNLOCK
##     0     1     2     3 <NA>
##     1     6     7     5     2
## C4_POWER
##     0     1     2     3 <NA>
##     2     8     5     4     2
## C4_POINTS
##     0     1     2     3 <NA>
##     2     7     7     3     2
## C4_BADGES
##     0     1     2 <NA>
##     3     8     8     2
## C4_PRGBAR
##     0     1     2     3 <NA>
##     2     5     6     6     2
## C6_SVYS
##     0     1     2     3 <NA>
##     1     2     7     9     2
## C6_TRACK
##     1     2     3 <NA>
##     4     5    10     2
## C6_PUSH
##     1     2     3 <NA>
##     4     6     9     2
## C7_1
## 1 2 3 4 5 6
## 4 2 5 7 2 1
## C7_2
## 1 2 3 4 5
## 2 6 9 3 1
## C7_3
##     2     4     5     6
##     2     2    15     2
## C7_4
##     1     2     3     4
## 14     4     1     2
## C7_5
## 1 2 3 4 5
## 1 6 5 7 2
## C7_6
##     2     3     5     6
##     1     1     1    18
```

3

```
## isFocusGroup
##  1
## 21
```