

Mental Health in Workplace

Capstone Project

Cohort B: Alvaro Chinchayan, Leighton Li, Andrey Lifar, Yoki Liu, Yue Ping, Sherry Zuo

5/1/2020

Data Loading

```
#import data
data<-read_csv("~/Desktop/mental_health.csv")
data2014<-read_csv("~/Desktop/2014.csv")
```

Data Cleaning

```
#remove first column since it's just the numbers of row
data<-data[,2:29]
```

```
skim(data)
```

```
## Skim summary statistics
##   n obs: 2958
##   n variables: 28
##
## -- Variable type:character -----
##           variable missing complete    n min  max empty
##           comp_no_empl    504    2454 2958    3    8     0
##           country_live     2    2956 2958    2   22     0
##           country_work     2    2956 2958    2   22     0
##           future_ph_specification 0    2958 2958    2    5     0
##           live_us_territory 1106    1852 2958    4   20     0
##           mh_anonymity_flag  504    2454 2958    2   12     0
##           mh_bad_response_workplace 91    2867 2958    2   30     0
##           mh_diagnosed&reveal_clients_flag 2454    504 2958   11   41     0
##           mh_diagnosed&reveal_cowork_flag 2454    504 2958   11   41     0
##           mh_disorder_current    0    2958 2958    2   10     0
##           mh_disorder_past    15    2943 2958    2   10     0
##           mh_employer_discussion  504    2454 2958    2   12     0
##           mh_family_hist    0    2958 2958    2   12     0
##           mh_prod_impact  2454    504 2958    2   20     0
##           mh_prod_impact_perc 2591    367 2958    5    7     0
##           mh_sharing_friends/fam_flag    0    2958 2958    1   53     0
##           prev_mh_anonymity  368    2590 2958    2   12     0
##           prev_mh_benefits  368    2590 2958    8   17     0
##           prev_mh_benefits_awareness 368    2590 2958   18   31     0
##           prev_mh_discussion  368    2590 2958    8   17     0
##           why/why_not    696    2262 2958    1 2475     0
##           work_us_territory 1086    1872 2958    4   20     0
##   n_unique
##         6
```

```
##      73
##      76
##       3
##      48
##       3
##       5
##       5
##       5
##       5
##       5
##       3
##       3
##       4
##       4
##      17
##       4
##       4
##       6
##       4
##     2215
##      50
##
## -- Variable type:numeric -----
##           variable missing complete    n  mean   sd p0 p25 p50 p75 p100
##           age          2      2956 2958 34.61 8.25 18  29  33  39  74
## prev_employers_flag      0      2958 2958  0.88 0.33  0   1   1   1   1
##      self_empl_flag      0      2958 2958  0.17 0.38  0   0   0   0   1
##           sex         24      2934 2958  1.32 0.52  1   1   1   2   3
##      tech_comp_flag     808      2150 2958  0.77 0.42  0   1   1   1   1
##      tech_role_flag    1691      1267 2958  0.94 0.24  0   1   1   1   1
##      hist
##
##
##
##
##
##
##
```

```
#rename columns
```

```
names(data2014)[5:27]<-c("state","self_employed","family_history","mh_treatment", "interfere","company_
```

```
skim(data2014)
```

```
## Skim summary statistics
```

```
## n obs: 1260
```

```
## n variables: 27
```

```
##
```

```
## -- Variable type:character -----
```

```
##           variable missing complete    n min  max empty
##      anonymity_protected      0      1260 1260   2  10    0
##      awareness_mh_benefits      0      1260 1260   2   8    0
##           comments     1097      163 1260   1 3589    0
##      company_size          0      1260 1260   3  14    0
```

```

##          Country      0    1260 1260    5    22    0
##      family_history    0    1260 1260    2     3    0
##          Gender      0    1260 1260    1    46    0
##      interfere      264     996 1260    5     9    0
##      interview_mh_bringup    0    1260 1260    2     5    0
##      interview_ph_bringup    0    1260 1260    2     5    0
##      medical_leave_easy    0    1260 1260    9    18    0
##      mh_benefits      0    1260 1260    2    10    0
##      mh_discuss      0    1260 1260    2    10    0
##      mh_disscuss_coworker    0    1260 1260    2    12    0
##      mh_disscuss_supervisor    0    1260 1260    2    12    0
##      mh_negative_consequence_flag    0    1260 1260    2     5    0
##      mh_resources      0    1260 1260    2    10    0
##      mh_serious_ph      0    1260 1260    2    10    0
##      mh_treatment      0    1260 1260    2     3    0
##      ph_negative_consequence_flag    0    1260 1260    2     5    0
##      remote          0    1260 1260    2     3    0
##      self_employed     18    1242 1260    2     3    0
##      state          516     744 1260    2     2    0
##      tech_company      0    1260 1260    2     3    0
##      Timestamp      0    1260 1260   16    19    0
##      witness_mh_nc      0    1260 1260    2     3    0
##      n_unique
##          3
##          3
##      159
##          6
##      48
##          2
##      47
##          4
##          3
##          3
##          5
##          3
##          3
##          3
##          3
##          3
##          3
##          3
##          3
##          3
##          3
##          2
##          3
##          2
##          2
##          2
##      45
##          2
##      1249
##          2
##
## -- Variable type:numeric -----
##      variable missing complete      n      mean      sd      p0 p25 p50 p75 p100
##      Age          0      1260 1260 7.9e+07 2.8e+09 -1726  27  31  36 1e+11
##      hist

```

```
##
```

```
#make a copy of our data
maindata<-data2014
#drop variables "Timestamp", "state", "comments" just to make our lives easier.
maindata<-subset(maindata, select = -c(1,5,27))
```

```
#keep columns names in lower case
names(maindata)[1:3]<-c("age","gender","country")
```

```
maindata=as.data.table(maindata)
```

```
#make word into lowercases in column gender
maindata$gender<-str_to_lower(maindata$gender)
#build gender group
male_str = c("androgynous", "cis male", "cis man", "m", "mail", "maile", "make", "mal", "male", "male (ci",
trans_str = c("a little about you", "agender", "all", "enby", "female (trans)", "fluid", "genderqueer",
female_str = c("cis female", "cis-female/femme", "f", "femail", "femake", "female", "female (cis)", "wor",
#replace details
maindata$gender <- ifelse(maindata$gender %in% male_str, "M",ifelse(maindata$gender %in% female_str,"F",
```

```
#switch to tableau for country overview
#write.csv(maindata,'countrydata.csv')
```

```
#so many countries only have 1 or 2 records, so we only keep countries has more than 10 countries
maindata %>%
  filter(country %in% c('Australia','Canada','France','Germany','India','Ireland','Netherlands','United
```

```
table(maindata$country)
```

```
##
##      Australia      Canada      France      Germany      India
##           22           72           13           45           10
##      Ireland  Netherlands United Kingdom United States
##           27           27           185           751
```

```
#remove other NAs, 236 interfere and 17 self-employed
maindata<-na.omit(maindata)
```

```
skim(maindata)
```

```
## Skim summary statistics
##   n obs: 899
##   n variables: 24
##
## -- Variable type:character -----
##           variable missing complete   n min max empty n_unique
##      anonymity_protected      0     899 899   2  10     0         3
##      awareness_mh_benefits      0     899 899   2   8     0         3
##      company_size      0     899 899   3  14     0         6
```

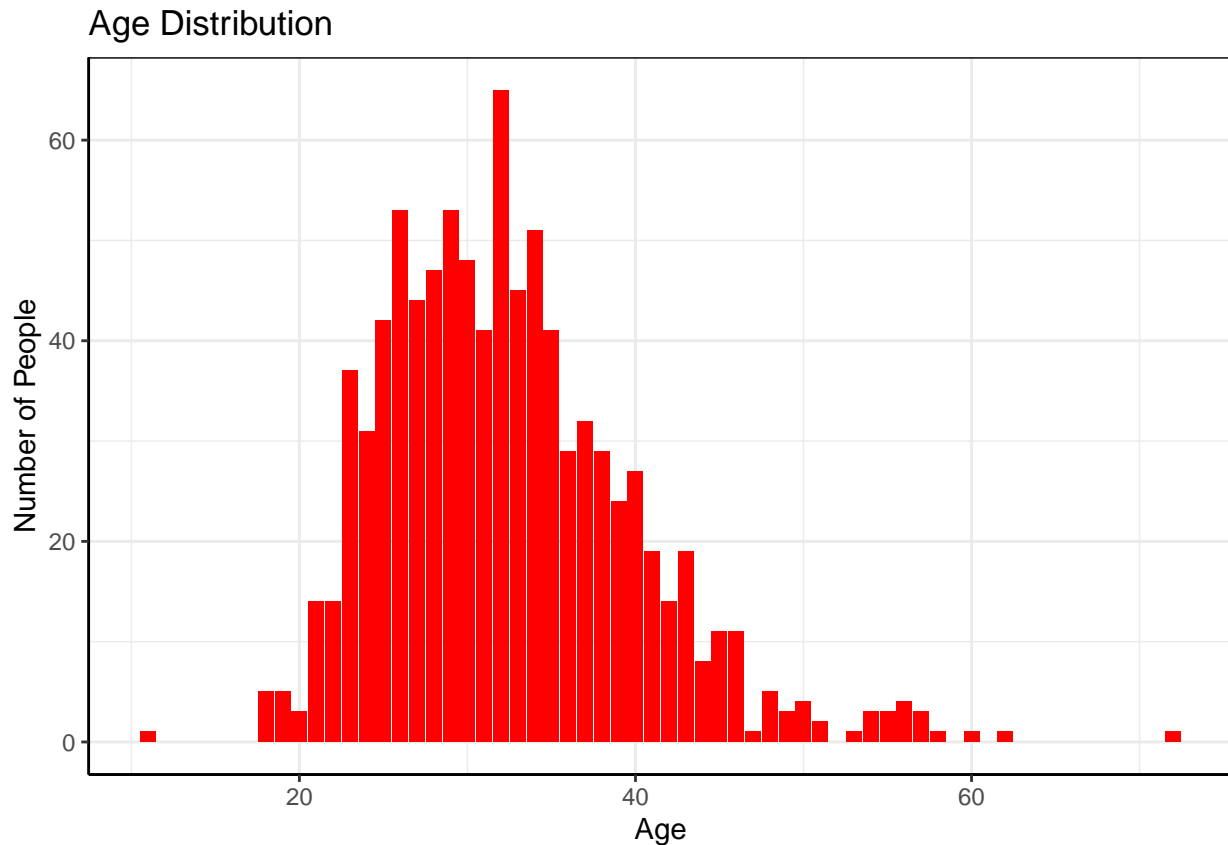
```
##          country      0      899 899    5 14      0      9
##      family_history    0      899 899    2  3      0      2
##          gender      0      899 899    1  1      0      3
##      interfere      0      899 899    5  9      0      4
##  interview_mh_bringup  0      899 899    2  5      0      3
##  interview_ph_bringup  0      899 899    2  5      0      3
##      medical_leave_easy  0      899 899    9 18      0      5
##          mh_benefits    0      899 899    2 10      0      3
##          mh_discuss     0      899 899    2 10      0      3
##      mh_disscuss_coworker  0      899 899    2 12      0      3
##      mh_disscuss_supervisor  0      899 899    2 12      0      3
##  mh_negative_consequence_flag  0      899 899    2  5      0      3
##          mh_resources    0      899 899    2 10      0      3
##          mh_serious_ph    0      899 899    2 10      0      3
##          mh_treatment    0      899 899    2  3      0      2
##  ph_negative_consequence_flag  0      899 899    2  5      0      3
##          remote      0      899 899    2  3      0      2
##      self_employed    0      899 899    2  3      0      2
##          tech_company    0      899 899    2  3      0      2
##      witness_mh_nc      0      899 899    2  3      0      2
##
## -- Variable type:numeric -----
##  variable missing complete  n  mean   sd   p0 p25 p50 p75 p100      hist
##      age      0      899 899 30.72 59.95 -1726 27 32 37 329
```

```
#there is one person list 329, one person list -1726, one person list -1, so delete those rows
maindata<-maindata[maindata$age!=329,]
maindata<-maindata[maindata$age!= -1726,]
maindata<-maindata[maindata$age!=-1,]
```

```
names(maindata)
```

```
## [1] "age"          "gender"
## [3] "country"      "self_employed"
## [5] "family_history" "mh_treatment"
## [7] "interfere"    "company_size"
## [9] "remote"       "tech_company"
## [11] "mh_benefits"  "awareness_mh_benefits"
## [13] "mh_discuss"   "mh_resources"
## [15] "anonymity_protected" "medical_leave_easy"
## [17] "mh_negative_consequence_flag" "ph_negative_consequence_flag"
## [19] "mh_disscuss_coworker" "mh_disscuss_supervisor"
## [21] "interview_mh_bringup" "interview_ph_bringup"
## [23] "mh_serious_ph" "witness_mh_nc"
```

```
maindata%>%
  ggplot(aes(x=age))+
  geom_bar(fill="red")+
  labs(title="Age Distribution", x="Age", y="Number of People")+
  theme(panel.background = element_rect(fill="transparent"),
        axis.line = element_line(colour = "black"))
```



```
# maindata%>%
#   group_by(age)%>%
#   tally() %>%
#   ggplot(aes(x=age,y = n))+
#   geom_bar(stat = 'identity', fill="red")+
#   labs(title="Age Distribution", x="Age", y="Number of People")+
#   theme(panel.background = element_rect(fill="transparent"),
#         axis.line = element_line(colour = "black")) +
#   geom_text(aes(label = n))
```

```
chart1<-maindata%>%
  mutate(mh_treatment=ifelse(mh_treatment=="Yes", 1, 0))%>%
  group_by(interfere, gender)%>%
  summarize(proportion = sum(mh_treatment)/length(mh_treatment))%>%
  ggplot(aes(x=factor(interfere, levels=c("Never", "Rarely", "Sometimes", "Often")),
             y=proportion, fill=gender))+
  geom_bar(position = 'dodge', stat = 'identity')+
  labs(x="Work Interfere", y="Probability",
       title="Probability of Mental Health via Interfere based on Gender")+
  theme(panel.background = element_rect(fill="transparent"),
        axis.line = element_line(colour = "black"))
```

```
chart2<-maindata%>%
  mutate(mh_treatment=ifelse(mh_treatment=="Yes", 1, 0))%>%
  group_by(company_size, tech_company)%>%
  summarize(proportion = sum(mh_treatment)/length(mh_treatment))%>%
```

```
ggplot(aes(x=factor(company_size, levels=c("1-5", "6-25", "26-100", "100-500", "500-1000", "More than 1000")),
  y=proportion, fill=tech_company))+
  geom_bar(position = 'dodge', stat = 'identity')+
  labs(x="Company Size", y="Probability",
    title="Probability of Mental Health via Company Size base on Tech")+
  theme(panel.background = element_rect(fill="transparent"),
    axis.line = element_line(colour = "black"))
```

```
chart3<-maindata%>%
  mutate(mh_treatment=ifelse(mh_treatment=="Yes", 1, 0))%>%
  group_by(medical_leave_easy, remote)%>%
  summarize(proportion = sum(mh_treatment)/length(mh_treatment))%>%
  ggplot(aes(x=factor(medical_leave_easy, levels=c("Don't know", "Very difficult", "Somewhat difficult", "Easy")),
    y=proportion, fill=remote))+
  geom_bar(position = 'dodge', stat = 'identity')+
  labs(x="Leave Easy", y="Probability",
    title="Probability of Mental Health via Leave Easy based on remote")+
  theme(panel.background = element_rect(fill="transparent"),
    axis.line = element_line(colour = "black"))
```

chart1

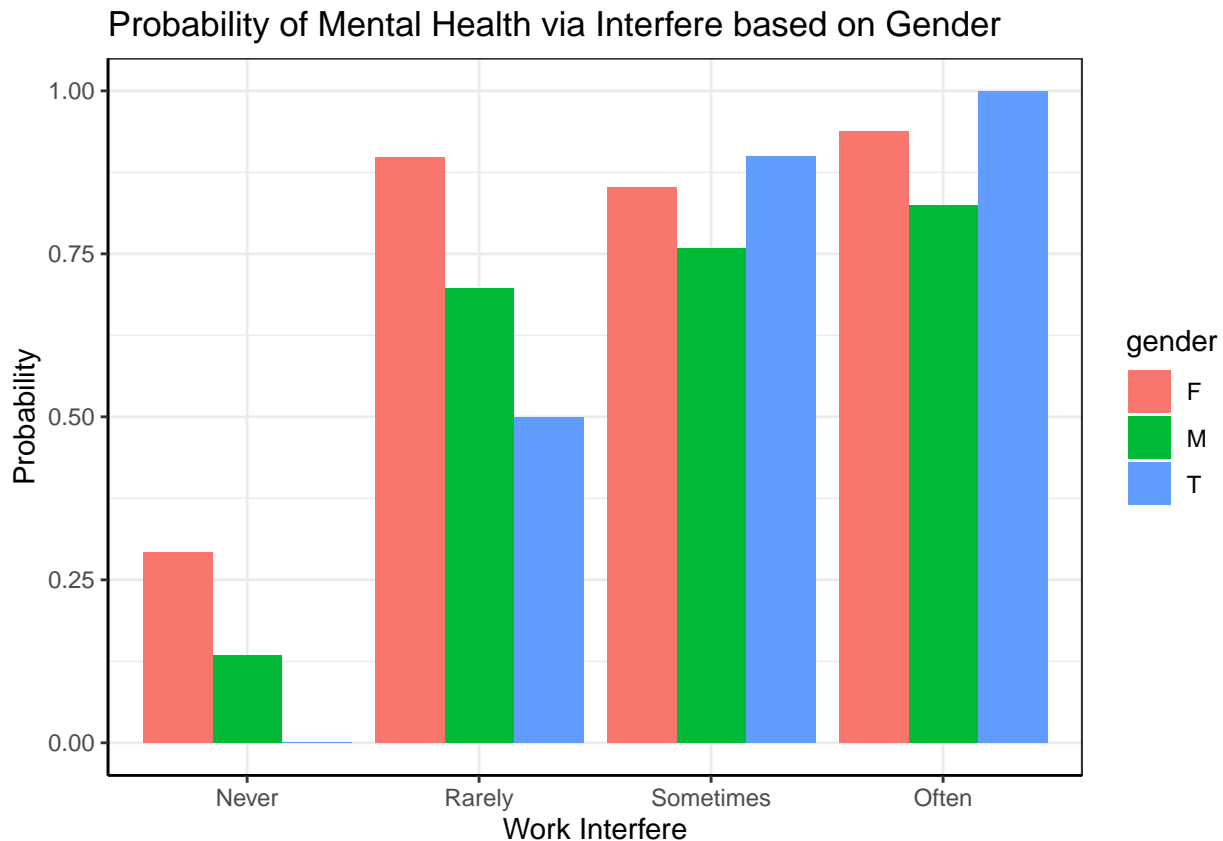


chart2

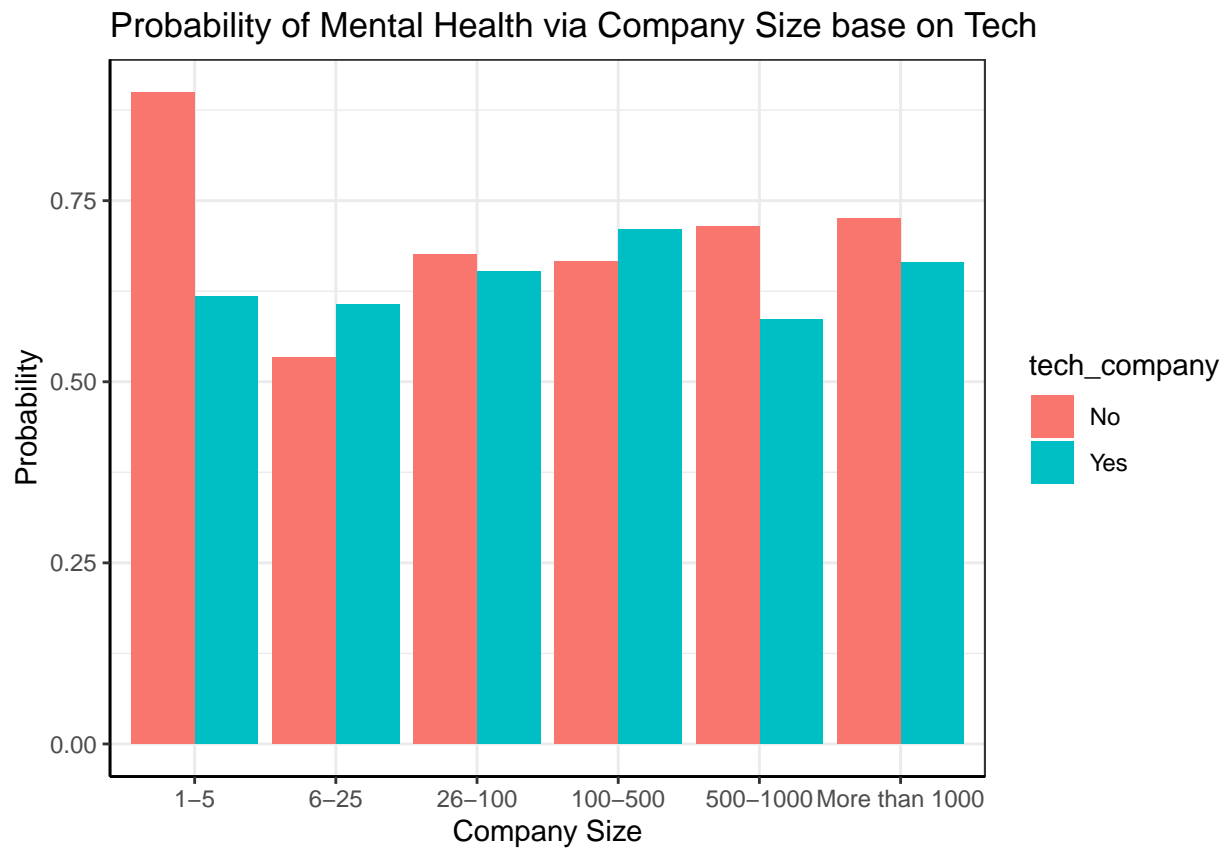
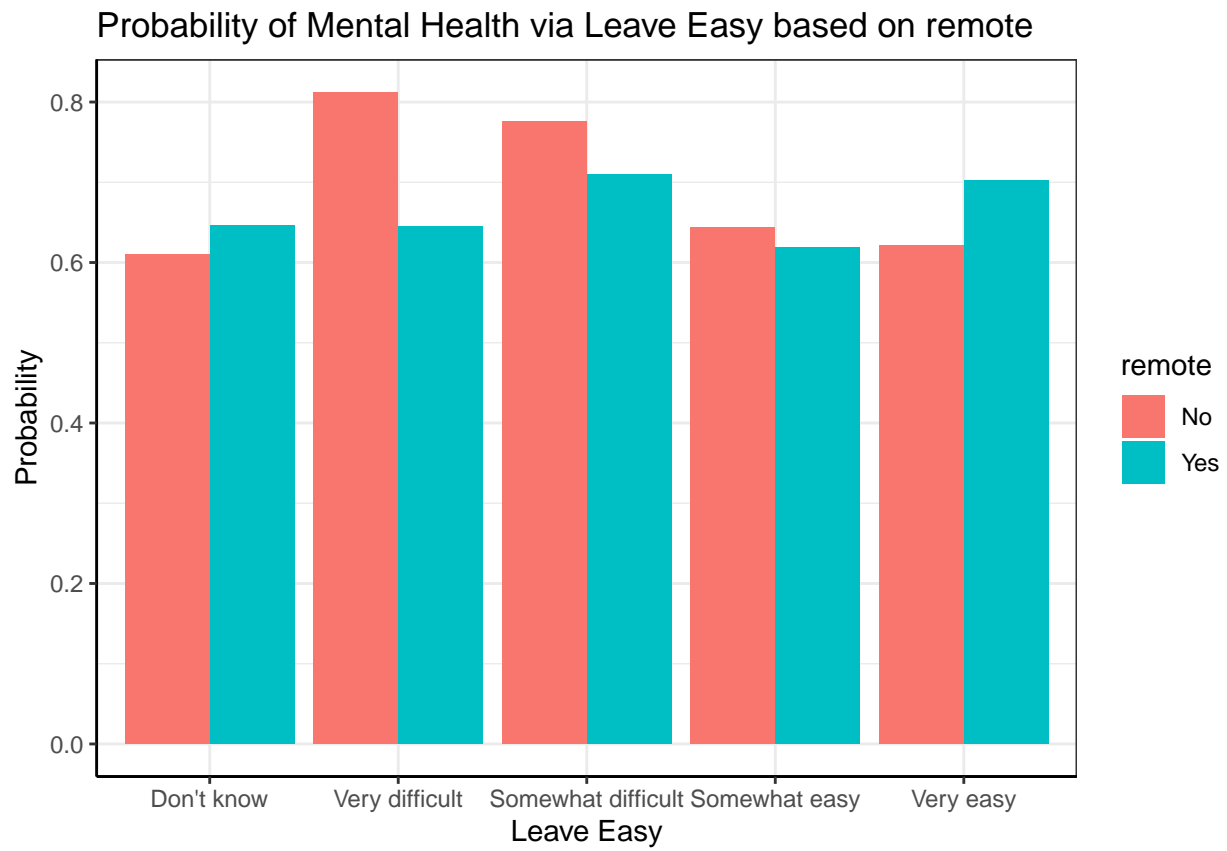
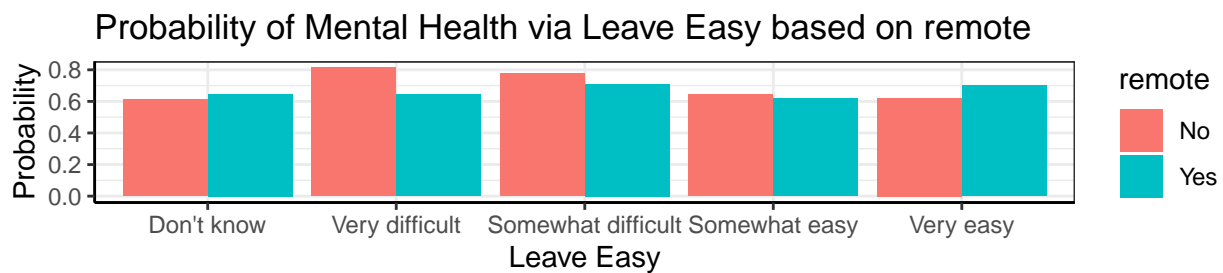
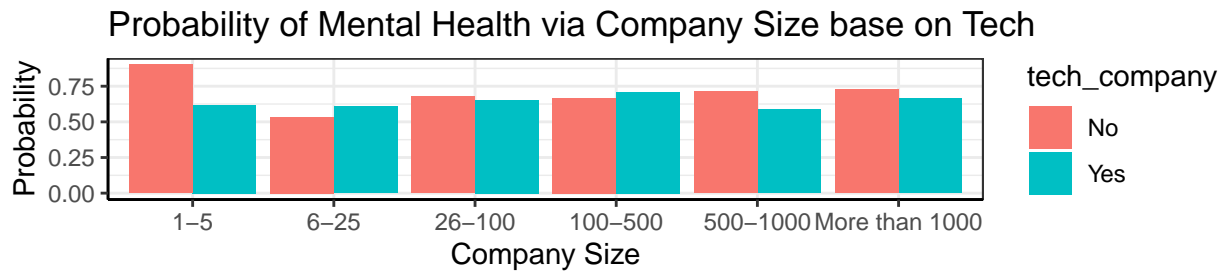
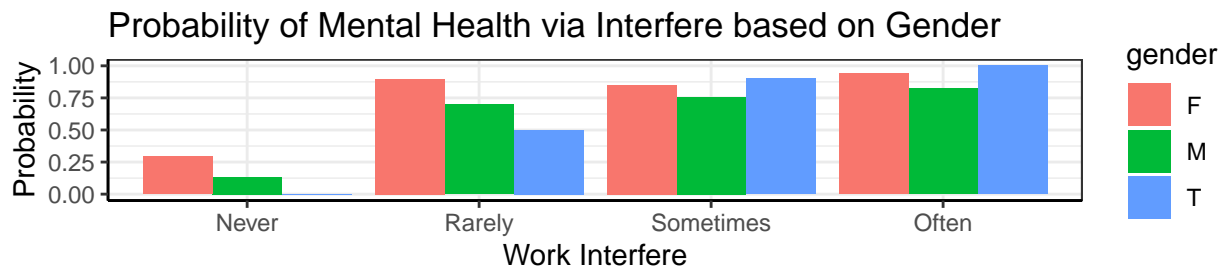


chart3



```
grid.arrange(chart1, chart2, chart3)
```



```
a=table(maindata$gender)
```

```
a
```

```
##
```

```
## F M T
```

```
## 196 685 15
```

```
str(a)
```

```
## 'table' int [1:3(1d)] 196 685 15
```

```
## - attr(*, "dimnames")=List of 1
```

```
## ..$ : chr [1:3] "F" "M" "T"
```

```
gender_count<-as.vector(a)
```

```
gender_percentage<-c("Female","Male","Transgender")
```

```
gender_count
```

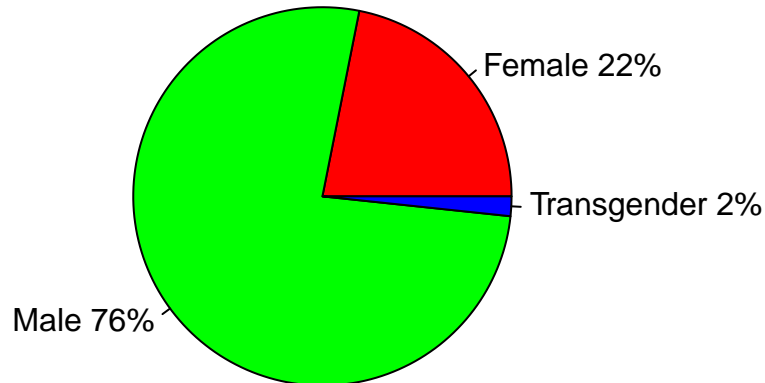
```
## [1] 196 685 15
```

```
gender_percentage
```

```
## [1] "Female" "Male" "Transgender"
```

```
pct1 <- round(gender_count/sum(gender_count)*100)
gender_percentage <- paste(gender_percentage, pct1) # add percents to labels
gender_percentage <- paste(gender_percentage,"%",sep="") # ad % to labels
pie(gender_count,labels = gender_percentage, col=rainbow(length(gender_percentage)),
    main="Pie Chart of Gender")
```

Pie Chart of Gender



```
#country could make a map in tableau
```

```
b=table(maindata$self_employed)
b
```

```
##
## No Yes
## 789 107
```

```
str(b)
```

```
## 'table' int [1:2(1d)] 789 107
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:2] "No" "Yes"
```

```
self_employed_count<-as.vector(b)
self_employed_percentage<-names(b)
self_employed_count
```

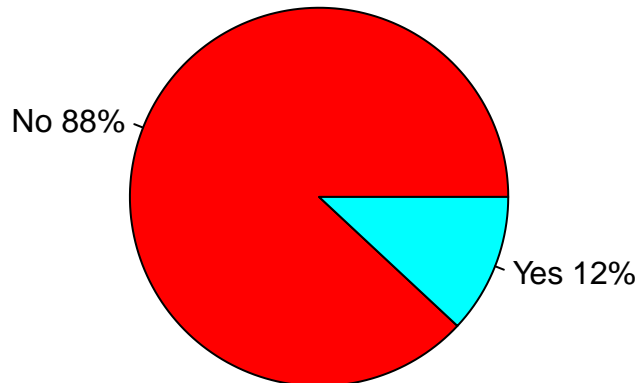
```
## [1] 789 107
```

```
self_employed_percentage
```

```
## [1] "No" "Yes"
```

```
pct2 <- round(self_employed_count/sum(self_employed_count)*100)
self_employed_percentage <- paste(self_employed_percentage, pct2) # add percents to labels
self_employed_percentage <- paste(self_employed_percentage, "%", sep="") # ad % to labels
pie(self_employed_count, labels = self_employed_percentage, col=rainbow(length(self_employed_percentage))
    main="Pie Chart of Self_Employed")
```

Pie Chart of Self_Employed



```
c=table(maindata$family_history)
c
```

```
##
## No Yes
## 483 413
```

```
str(c)
```

```
## 'table' int [1:2(1d)] 483 413
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:2] "No" "Yes"
```

```
family_history_count<-as.vector(c)
family_history_percentage<-names(c)
family_history_count
```

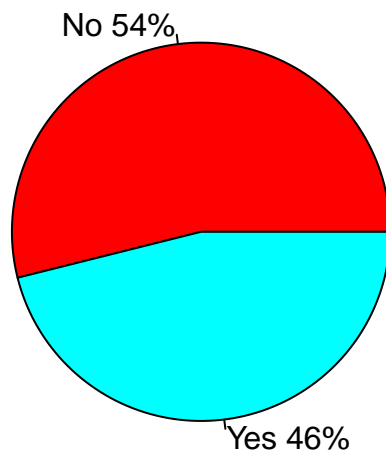
```
## [1] 483 413
```

```
family_history_percentage
```

```
## [1] "No" "Yes"
```

```
pct3 <- round(family_history_count/sum(family_history_count)*100)
family_history_percentage <- paste(family_history_percentage, pct3) # add percents to labels
family_history_percentage <- paste(family_history_percentage, "%", sep="") # ad % to labels
pie(family_history_count, labels = family_history_percentage, col=rainbow(length(family_history_percentage))
    main="Pie Chart of Family History of Mental Health")
```

Pie Chart of Family History of Mental Health



```
#Our outcome variable
d=table(maindata$mh_treatment)
d
```

```
##
##  No Yes
## 310 586
```

```
str(d)
```

```
## 'table' int [1:2(1d)] 310 586
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:2] "No" "Yes"
```

```
mh_treatment_count<-as.vector(d)
mh_treatment_percentage<-names(d)
mh_treatment_count
```

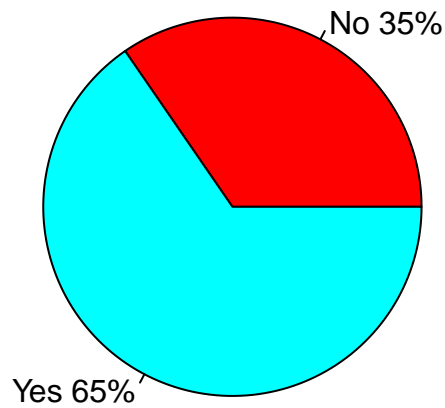
```
## [1] 310 586
```

```
mh_treatment_percentage
```

```
## [1] "No" "Yes"
```

```
pct4 <- round(mh_treatment_count/sum(mh_treatment_count)*100)
mh_treatment_percentage <- paste(mh_treatment_percentage, pct4) # add percents to labels
mh_treatment_percentage <- paste(mh_treatment_percentage,"%",sep="") # ad % to labels
pie(mh_treatment_count,labels = mh_treatment_percentage, col=rainbow(length(mh_treatment_percentage)),
    main="Pie Chart of Whether seeking Mental Health Treatment")
```

Pie Chart of Whether seeking Mental Health Treatment



```
e=table(maindata$interfere)
```

```
e
```

```
##  
##      Never      Often      Rarely Sometimes  
##      189      125      153      429
```

```
str(e)
```

```
## 'table' int [1:4(1d)] 189 125 153 429  
## - attr(*, "dimnames")=List of 1  
##   ..$ : chr [1:4] "Never" "Often" "Rarely" "Sometimes"
```

```
interfere_count<-as.vector(e)  
interfere_percentage<-names(e)  
interfere_count
```

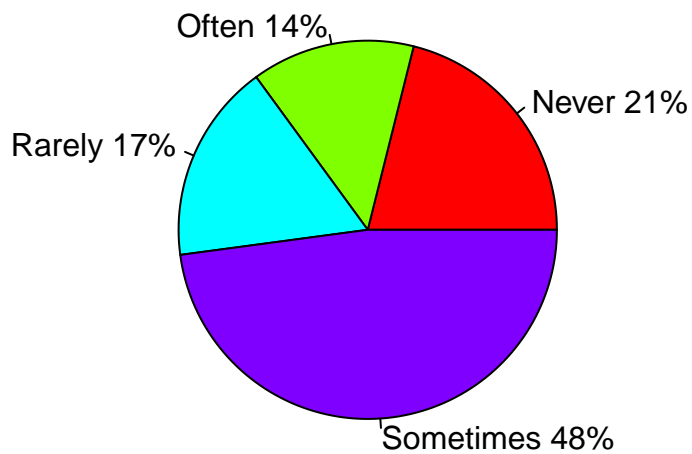
```
## [1] 189 125 153 429
```

```
interfere_percentage
```

```
## [1] "Never"      "Often"      "Rarely"     "Sometimes"
```

```
pct5 <- round(interfere_count/sum(interfere_count)*100)  
interfere_percentage <- paste(interfere_percentage, pct5) # add percents to labels  
interfere_percentage <- paste(interfere_percentage, "%", sep="") # ad % to labels  
pie(interfere_count, labels = interfere_percentage, col=rainbow(length(interfere_percentage)),  
    main="Pie Chart of Interfere")
```

Pie Chart of Interfere



```
f=table(maindata$company_size)
f
```

```
##
##      1-5      100-500      26-100      500-1000      6-25
##      125      130      207      43      183
## More than 1000
##      208
```

```
str(f)
```

```
## 'table' int [1:6(1d)] 125 130 207 43 183 208
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:6] "1-5" "100-500" "26-100" "500-1000" ...
```

```
company_size_count<-as.vector(f)
company_size_percentage<-names(f)
company_size_count
```

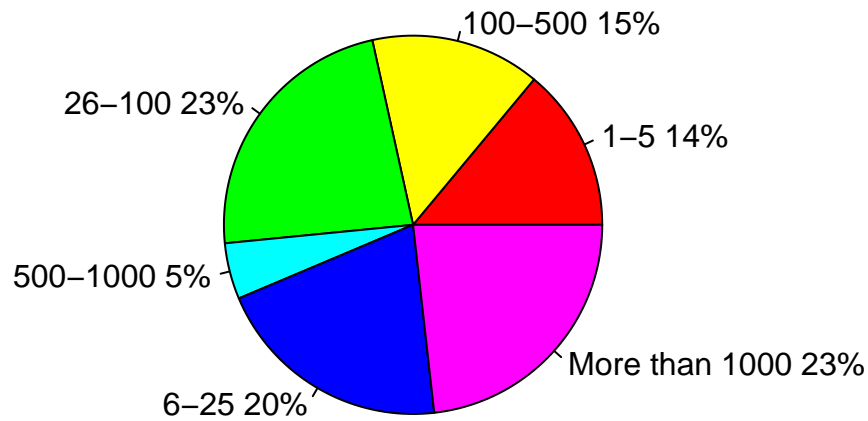
```
## [1] 125 130 207 43 183 208
```

```
company_size_percentage
```

```
## [1] "1-5"      "100-500"      "26-100"      "500-1000"
## [5] "6-25"      "More than 1000"
```

```
pct6 <- round(company_size_count/sum(company_size_count)*100)
company_size_percentage <- paste(company_size_percentage, pct6) # add percents to labels
company_size_percentage <- paste(company_size_percentage,"%",sep="") # ad % to labels
pie(company_size_count,labels = company_size_percentage, col=rainbow(length(company_size_percentage)),
    main="Pie Chart of Company Size")
```

Pie Chart of Company Size



```
g=table(maindata$remote)
g
```

```
##
## No Yes
## 623 273
```

```
str(g)
```

```
## 'table' int [1:2(1d)] 623 273
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:2] "No" "Yes"
```

```
remote_count<-as.vector(g)
remote_percentage<-names(g)
remote_count
```

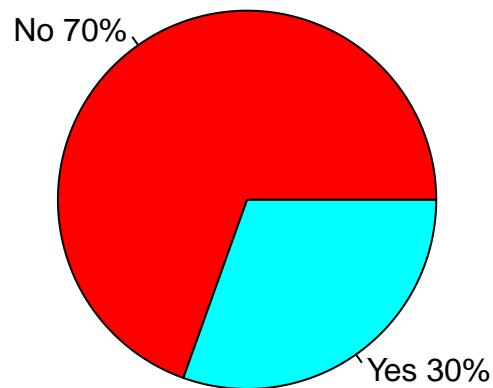
```
## [1] 623 273
```

```
remote_percentage
```

```
## [1] "No" "Yes"
```

```
pct7 <- round(remote_count/sum(remote_count)*100)
remote_percentage <- paste(remote_percentage, pct7) # add percents to labels
remote_percentage <- paste(remote_percentage,"%",sep="") # ad % to labels
pie(remote_count,labels = remote_percentage, col=rainbow(length(remote_percentage)),
    main="Pie Chart of Remote")
```


Pie Chart of Remote



```
h=table(maindata$tech_company)
h
```

```
##
##  No Yes
## 168 72
```

```
str(h)
```

```
## 'table' int [1:2(1d)] 168 72
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:2] "No" "Yes"
```

```
tech_company_count<-as.vector(h)
tech_company_percentage<-names(h)
tech_company_count
```

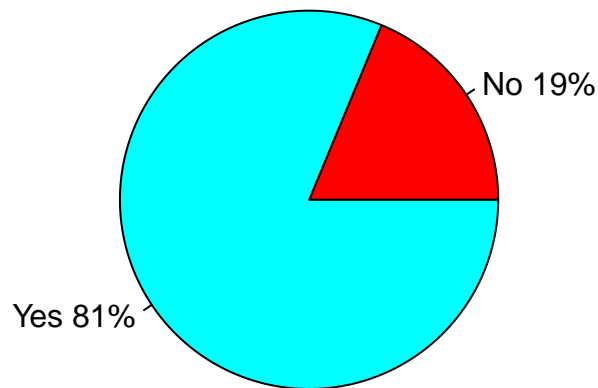
```
## [1] 168 72
```

```
tech_company_percentage
```

```
## [1] "No" "Yes"
```

```
pct8 <- round(tech_company_count/sum(tech_company_count)*100)
tech_company_percentage <- paste(tech_company_percentage, pct8) # add percents to labels
tech_company_percentage <- paste(tech_company_percentage,"%",sep="") # ad % to labels
pie(tech_company_count,labels = tech_company_percentage, col=rainbow(length(tech_company_percentage)),
    main="Pie Chart of Tech Company")
```

Pie Chart of Tech Company



```
i=table(maindata$mh_benefits)
i
```

```
##
## Don't know      No      Yes
##      266      243      387
```

```
str(i)
```

```
## 'table' int [1:3(1d)] 266 243 387
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Don't know" "No" "Yes"
```

```
mh_benefits_count<-as.vector(i)
mh_benefits_percentage<-names(i)
mh_benefits_count
```

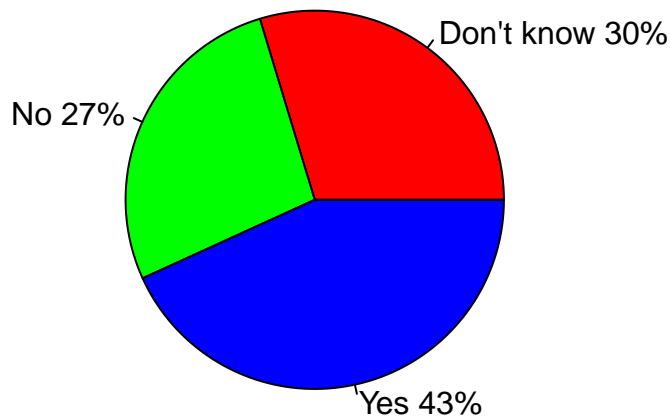
```
## [1] 266 243 387
```

```
mh_benefits_percentage
```

```
## [1] "Don't know" "No"      "Yes"
```

```
pct9 <- round(mh_benefits_count/sum(mh_benefits_count)*100)
mh_benefits_percentage <- paste(mh_benefits_percentage, pct9) # add percents to labels
mh_benefits_percentage <- paste(mh_benefits_percentage,"%",sep="") # ad % to labels
pie(mh_benefits_count,labels = mh_benefits_percentage, col=rainbow(length(mh_benefits_percentage)),
    main="Pie Chart of Mental Health Benefits")
```

Pie Chart of Mental Health Benefits



```
j=table(maindata$awareness_mh_benefits)
j
```

```
##
##      No Not sure      Yes
##      323      213      360
```

```
str(j)
```

```
## 'table' int [1:3(1d)] 323 213 360
## - attr(*, "dimnames")=List of 1
##   ..$ : chr [1:3] "No" "Not sure" "Yes"
```

```
awareness_mh_benefits_count<-as.vector(j)
awareness_mh_benefits_percentage<-names(j)
awareness_mh_benefits_count
```

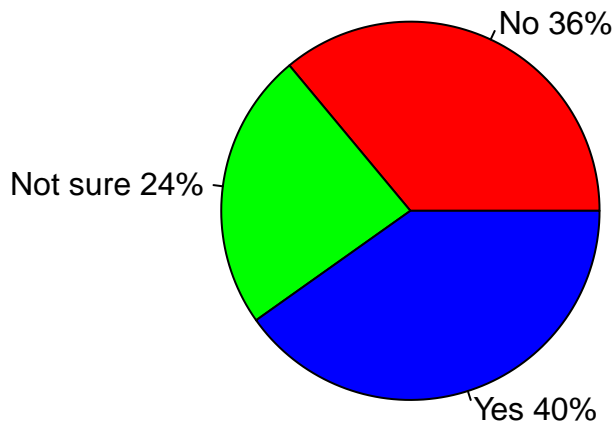
```
## [1] 323 213 360
```

```
awareness_mh_benefits_percentage
```

```
## [1] "No"      "Not sure" "Yes"
```

```
pct10 <- round(awareness_mh_benefits_count/sum(awareness_mh_benefits_count)*100)
awareness_mh_benefits_percentage <- paste(awareness_mh_benefits_percentage, pct10) # add percents to labels
awareness_mh_benefits_percentage <- paste(awareness_mh_benefits_percentage,"%",sep="") # add % to labels
pie(awareness_mh_benefits_count,labels = awareness_mh_benefits_percentage, col=rainbow(length(awareness_mh_benefits_count)),
    main="Pie Chart of Awareness of Mental Health Benefits")
```

Pie Chart of Awareness of Mental Health Benefits



```
k=table(maindata$mh_discuss)
k
```

```
##
## Don't know      No      Yes
##      124      589      183
```

```
str(k)
```

```
## 'table' int [1:3(1d)] 124 589 183
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Don't know" "No" "Yes"
```

```
mh_discuss_count<-as.vector(k)
mh_discuss_percentage<-names(k)
mh_discuss_count
```

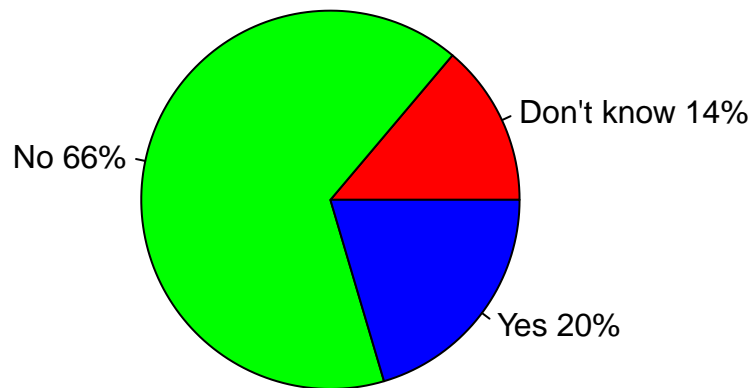
```
## [1] 124 589 183
```

```
mh_discuss_percentage
```

```
## [1] "Don't know" "No"      "Yes"
```

```
pct11 <- round(mh_discuss_count/sum(mh_discuss_count)*100)
mh_discuss_percentage <- paste(mh_discuss_percentage, pct11) # add percents to labels
mh_discuss_percentage <- paste(mh_discuss_percentage,"%",sep="") # ad % to labels
pie(mh_discuss_count,labels = mh_discuss_percentage, col=rainbow(length(mh_discuss_percentage)),
    main="Pie Chart of Mental Health Discussion")
```

Pie Chart of Mental Health Discussion



```
l=table(maindata$mh_resources)
l
```

```
##
## Don't know      No      Yes
##      256      438      202
```

```
str(l)
```

```
## 'table' int [1:3(1d)] 256 438 202
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Don't know" "No" "Yes"
```

```
mh_resources_count<-as.vector(l)
mh_resources_percentage<-names(l)
mh_resources_count
```

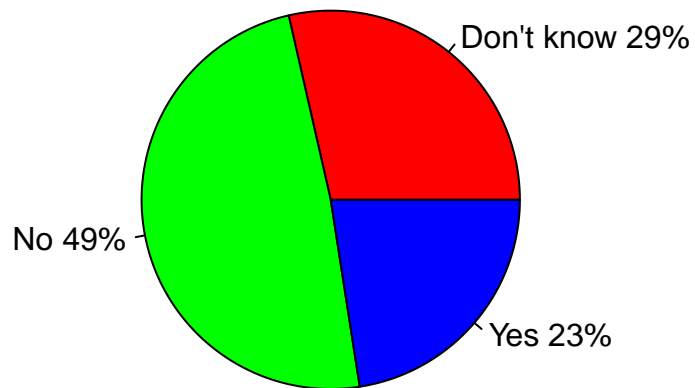
```
## [1] 256 438 202
```

```
mh_resources_percentage
```

```
## [1] "Don't know" "No" "Yes"
```

```
pct12 <- round(mh_resources_count/sum(mh_resources_count)*100)
mh_resources_percentage <- paste(mh_resources_percentage, pct12) # add percents to labels
mh_resources_percentage <- paste(mh_resources_percentage,"%",sep="") # ad % to labels
pie(mh_resources_count,labels = mh_resources_percentage, col=rainbow(length(mh_resources_percentage)),
    main="Pie Chart of Mental Health Resources")
```

Pie Chart of Mental Health Resources



```
m=table(maindata$anonymity_protected)
m
```

```
##
## Don't know      No      Yes
##      581      39      276
```

```
str(m)
```

```
## 'table' int [1:3(1d)] 581 39 276
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Don't know" "No" "Yes"
```

```
anonymity_protected_count<-as.vector(m)
anonymity_protected_percentage<-names(m)
anonymity_protected_count
```

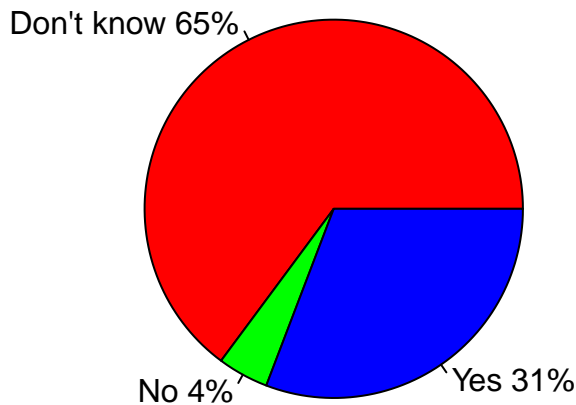
```
## [1] 581 39 276
```

```
anonymity_protected_percentage
```

```
## [1] "Don't know" "No" "Yes"
```

```
pct13 <- round(anonymity_protected_count/sum(anonymity_protected_count)*100)
anonymity_protected_percentage <- paste(anonymity_protected_percentage, pct13) # add percents to labels
anonymity_protected_percentage <- paste(anonymity_protected_percentage,"%",sep="") # ad % to labels
pie(anonymity_protected_count,labels = anonymity_protected_percentage, col=rainbow(length(anonymity_protected_count)),
    main="Pie Chart of Anonymity Mental Health Protection")
```

Pie Chart of Anonymity Mental Health Protection



```
n=table(maindata$medical_leave_easy)
```

```
n
```

```
##
##      Don't know Somewhat difficult      Somewhat easy
##           391             98           184
##      Very difficult      Very easy
##           79             144
```

```
str(n)
```

```
## 'table' int [1:5(1d)] 391 98 184 79 144
## - attr(*, "dimnames")=List of 1
##   ..$ : chr [1:5] "Don't know" "Somewhat difficult" "Somewhat easy" "Very difficult" ...
```

```
medical_leave_easy_count<-as.vector(n)
medical_leave_easy_percentage<-names(n)
medical_leave_easy_count
```

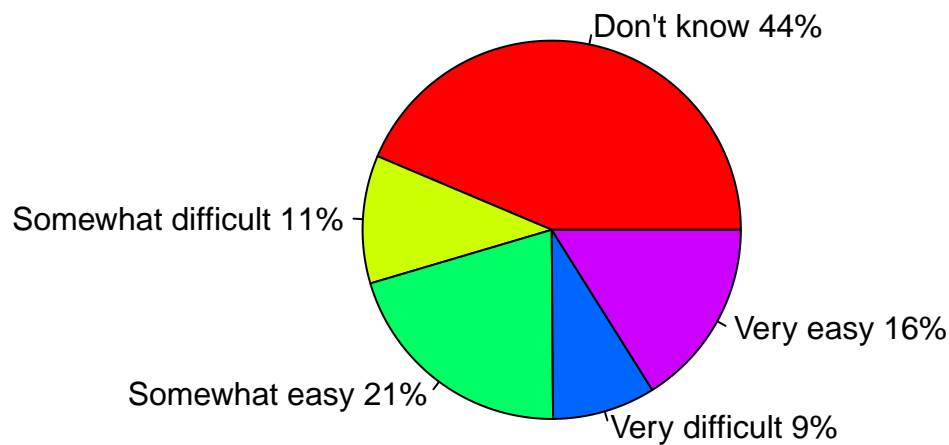
```
## [1] 391  98 184  79 144
```

```
medical_leave_easy_percentage
```

```
## [1] "Don't know"      "Somewhat difficult" "Somewhat easy"
## [4] "Very difficult"  "Very easy"
```

```
pct14 <- round(medical_leave_easy_count/sum(medical_leave_easy_count)*100)
medical_leave_easy_percentage <- paste(medical_leave_easy_percentage, pct14) # add percents to labels
medical_leave_easy_percentage <- paste(medical_leave_easy_percentage,"%",sep="") # ad % to labels
pie(medical_leave_easy_count,labels = medical_leave_easy_percentage, col=rainbow(length(medical_leave_e
  main="Pie Chart of Whether Medical Leave Easy")
```

Pie Chart of Whether Medical Leave Easy



```
o=table(maindata$mh_negative_consequence_flag)
o
```

```
##
## Maybe    No    Yes
##   352   309   235
```

```
str(o)
```

```
## 'table' int [1:3(1d)] 352 309 235
## - attr(*, "dimnames")=List of 1
##   ..$ : chr [1:3] "Maybe" "No" "Yes"
```

```
mh_negative_consequence_count<-as.vector(o)
mh_negative_consequence_percentage<-names(o)
mh_negative_consequence_count
```

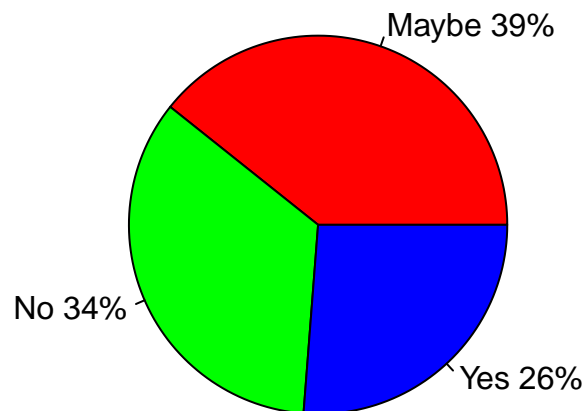
```
## [1] 352 309 235
```

```
mh_negative_consequence_percentage
```

```
## [1] "Maybe" "No"    "Yes"
```

```
pct15 <- round(mh_negative_consequence_count/sum(mh_negative_consequence_count)*100)
mh_negative_consequence_percentage <- paste(mh_negative_consequence_percentage, pct15) # add percents to labels
mh_negative_consequence_percentage <- paste(mh_negative_consequence_percentage,"%",sep="") # add % to labels
pie(mh_negative_consequence_count,labels = mh_negative_consequence_percentage, col=rainbow(length(mh_negative_consequence_count)),
    main="Whether Mental Health have Negative Consequence for Interview")
```


Whether Mental Health have Negative Consequence for Interview



```
p=table(maindata$ph_negative_consequence_flag)
p
```

```
##
## Maybe    No    Yes
##    207   644   45
```

```
str(p)
```

```
## 'table' int [1:3(1d)] 207 644 45
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Maybe" "No" "Yes"
```

```
ph_negative_consequence_flag_count<-as.vector(p)
ph_negative_consequence_flag_percentage<-names(p)
ph_negative_consequence_flag_count
```

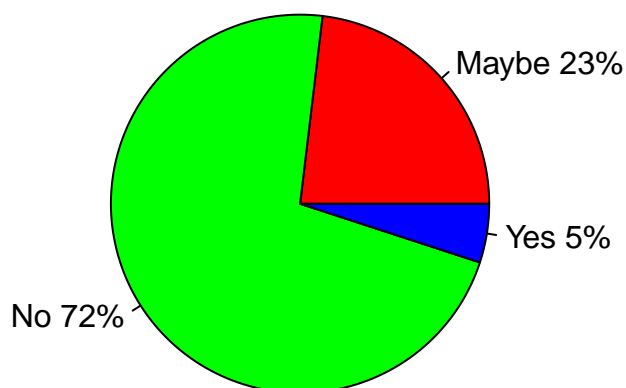
```
## [1] 207 644 45
```

```
ph_negative_consequence_flag_percentage
```

```
## [1] "Maybe" "No" "Yes"
```

```
pct16 <- round(ph_negative_consequence_flag_count/sum(ph_negative_consequence_flag_count)*100)
ph_negative_consequence_flag_percentage <- paste(ph_negative_consequence_flag_percentage, pct16) # add
ph_negative_consequence_flag_percentage <- paste(ph_negative_consequence_flag_percentage,"%",sep="") #
pie(ph_negative_consequence_flag_count,labels = ph_negative_consequence_flag_percentage, col=rainbow(3),
    main="Whether Physical Health have Negative Consequence for Interview")
```

Whether Physical Health have Negative Consequence for Interview



```
q=table(maindata$mh_disscuss_coworker)
q
```

```
##
##           No Some of them           Yes
##           184           555           157
```

```
str(q)
```

```
## 'table' int [1:3(1d)] 184 555 157
## - attr(*, "dimnames")=List of 1
##   ..$ : chr [1:3] "No" "Some of them" "Yes"
```

```
mh_disscuss_coworker_count<-as.vector(q)
mh_disscuss_coworker_percentage<-names(q)
mh_disscuss_coworker_count
```

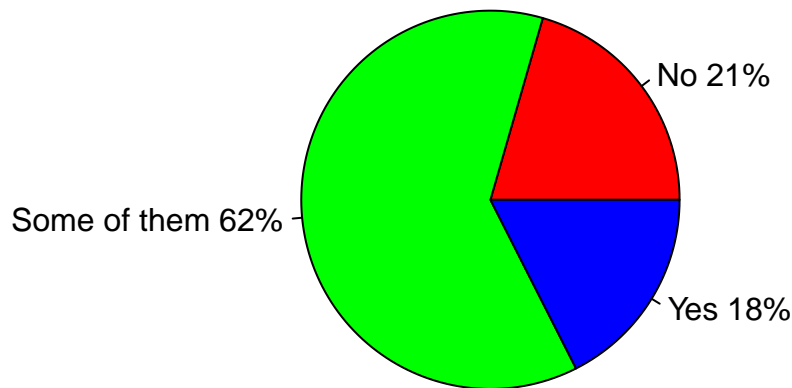
```
## [1] 184 555 157
```

```
mh_disscuss_coworker_percentage
```

```
## [1] "No"           "Some of them" "Yes"
```

```
pct17 <- round(mh_disscuss_coworker_count/sum(mh_disscuss_coworker_count)*100)
mh_disscuss_coworker_percentage <- paste(mh_disscuss_coworker_percentage, pct17) # add percents to labels
mh_disscuss_coworker_percentage <- paste(mh_disscuss_coworker_percentage,"%",sep="") # add % to labels
pie(mh_disscuss_coworker_count,labels = mh_disscuss_coworker_percentage, col=rainbow(length(mh_disscuss_coworker_count)),
    main="Whether Discuss Mental Health with Coworker")
```

Whether Discuss Mental Health with Coworker



```
r=table(maindata$mh_discuss_supervisor)
r
```

```
##
##           No Some of them           Yes
##           285           266           345
```

```
str(r)
```

```
## 'table' int [1:3(1d)] 285 266 345
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "No" "Some of them" "Yes"
```

```
mh_discuss_supervisor_count<-as.vector(r)
mh_discuss_supervisor_percentage<-names(r)
mh_discuss_supervisor_count
```

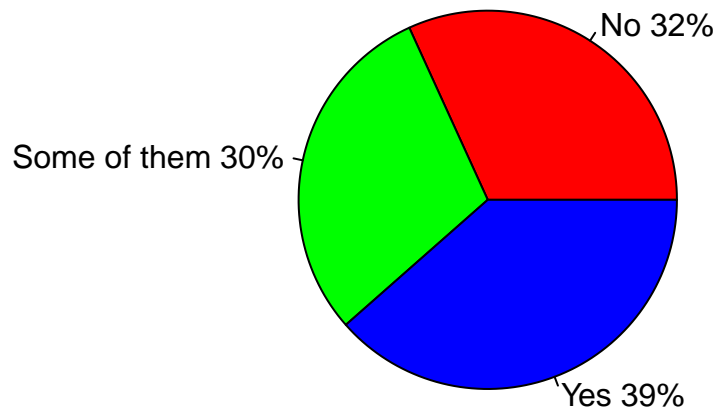
```
## [1] 285 266 345
```

```
mh_discuss_supervisor_percentage
```

```
## [1] "No"           "Some of them" "Yes"
```

```
pct18 <- round(mh_discuss_supervisor_count/sum(mh_discuss_supervisor_count)*100)
mh_discuss_supervisor_percentage <- paste(mh_discuss_supervisor_percentage, pct18) # add percents to
mh_discuss_supervisor_percentage <- paste(mh_discuss_supervisor_percentage,"%",sep="") # ad % to label
pie(mh_discuss_supervisor_count,labels = mh_discuss_supervisor_percentage, col=rainbow(length(mh_discuss_supervisor_count)),
    main="Whether Discuss Mental Health with Supervisor")
```

Whether Discuss Mental Health with Supervisor



```
s=table(maindata$interview_mh_bringup)
s
```

```
##
## Maybe    No    Yes
##   126   744    26
```

```
str(s)
```

```
## 'table' int [1:3(1d)] 126 744 26
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Maybe" "No" "Yes"
```

```
interview_mh_bringup_count<-as.vector(s)
interview_mh_bringup_percentage<-names(s)
interview_mh_bringup_count
```

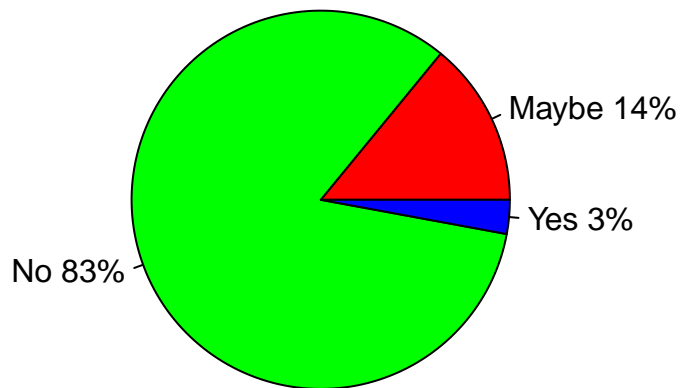
```
## [1] 126 744 26
```

```
interview_mh_bringup_percentage
```

```
## [1] "Maybe" "No" "Yes"
```

```
pct19 <- round(interview_mh_bringup_count/sum(interview_mh_bringup_count)*100)
interview_mh_bringup_percentage <- paste(interview_mh_bringup_percentage, pct19) # add percents to labels
interview_mh_bringup_percentage <- paste(interview_mh_bringup_percentage,"%",sep="") # add % to labels
pie(interview_mh_bringup_count,labels = interview_mh_bringup_percentage, col=rainbow(length(interview_mh_bringup_count)),
    main="Whether Bring Up Mental Health into Interview")
```

Whether Bring Up Mental Health into Interview



```
t=table(maindata$interview_ph_bringup)
t
```

```
##
## Maybe    No    Yes
##    403    361    132
```

```
str(t)
```

```
## 'table' int [1:3(1d)] 403 361 132
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Maybe" "No" "Yes"
```

```
interview_ph_bringup_count<-as.vector(t)
interview_ph_bringup_percentage<-names(t)
interview_ph_bringup_count
```

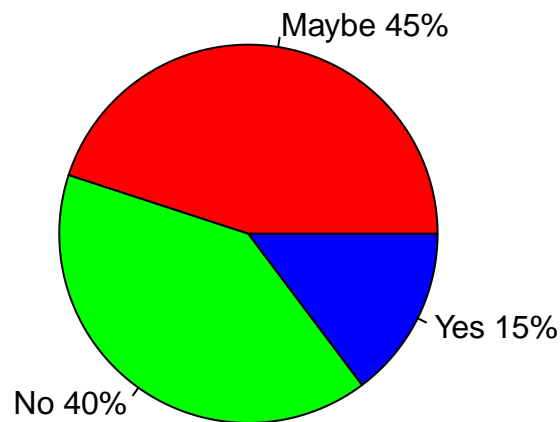
```
## [1] 403 361 132
```

```
interview_ph_bringup_percentage
```

```
## [1] "Maybe" "No"      "Yes"
```

```
pct20 <- round(interview_ph_bringup_count/sum(interview_ph_bringup_count)*100)
interview_ph_bringup_percentage <- paste(interview_ph_bringup_percentage, pct20) # add percents to labels
interview_ph_bringup_percentage <- paste(interview_ph_bringup_percentage,"%",sep="") # add % to labels
pie(interview_ph_bringup_count,labels = interview_ph_bringup_percentage, col=rainbow(length(interview_ph_bringup_count)),
    main="Whether Discuss Physical Health with Coworker")
```

Whether Discuss Physical Health with Coworker



```
u=table(maindata$mh_serious_ph)
u
```

```
##
## Don't know      No      Yes
##           396      255      245
```

```
str(u)
```

```
## 'table' int [1:3(1d)] 396 255 245
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:3] "Don't know" "No" "Yes"
```

```
mh_serious_ph_count<-as.vector(u)
mh_serious_ph_percentage<-names(u)
mh_serious_ph_count
```

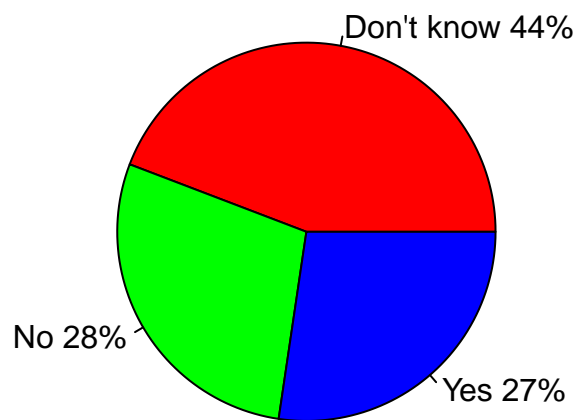
```
## [1] 396 255 245
```

```
mh_serious_ph_percentage
```

```
## [1] "Don't know" "No" "Yes"
```

```
pct21 <- round(mh_serious_ph_count/sum(mh_serious_ph_count)*100)
mh_serious_ph_percentage <- paste(mh_serious_ph_percentage, pct21) # add percents to labels
mh_serious_ph_percentage <- paste(mh_serious_ph_percentage,"%",sep="") # ad % to labels
pie(mh_serious_ph_count,labels = mh_serious_ph_percentage, col=rainbow(length(mh_serious_ph_percentage))
    main="Mental Health vs. Physical Health")
```

Mental Health vs. Physical Health



```
v=table(maindata$witness_mh_nc)
v
```

```
##
##  No Yes
## 754 142
```

```
str(v)
```

```
## 'table' int [1:2(1d)] 754 142
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:2] "No" "Yes"
```

```
witness_mh_nc_count<-as.vector(v)
witness_mh_nc_percentage<-names(v)
witness_mh_nc_count
```

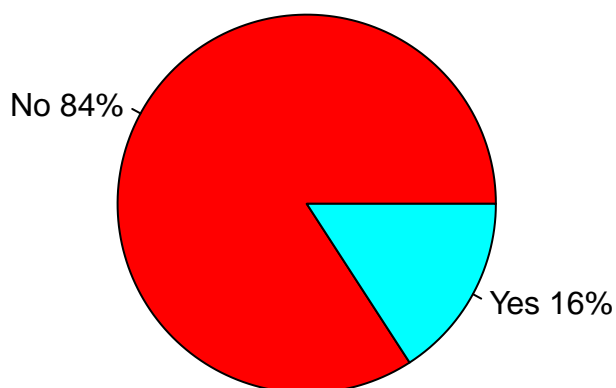
```
## [1] 754 142
```

```
witness_mh_nc_percentage
```

```
## [1] "No" "Yes"
```

```
pct22 <- round(witness_mh_nc_count/sum(witness_mh_nc_count)*100)
witness_mh_nc_percentage <- paste(witness_mh_nc_percentage, pct22) # add percents to labels
witness_mh_nc_percentage <- paste(witness_mh_nc_percentage,"%",sep="") # ad % to labels
pie(witness_mh_nc_count,labels = witness_mh_nc_percentage, col=rainbow(length(witness_mh_nc_percentage)),
    main="Whether Witness the Mental Health Negative Consequence")
```

Whether Witness the Mental Health Negative Consequence



```
w<-table(maindata$country)
w
```

```
##
##      Australia      Canada      France      Germany      India
##          21          59          4          33          5
##      Ireland  Netherlands United Kingdom United States
##          23          19          138          594
```

```
str(w)
```

```
## 'table' int [1:9(1d)] 21 59 4 33 5 23 19 138 594
## - attr(*, "dimnames")=List of 1
## ..$ : chr [1:9] "Australia" "Canada" "France" "Germany" ...
```

```
country_count<-as.vector(w)
country_percentage<-names(w)
country_count
```

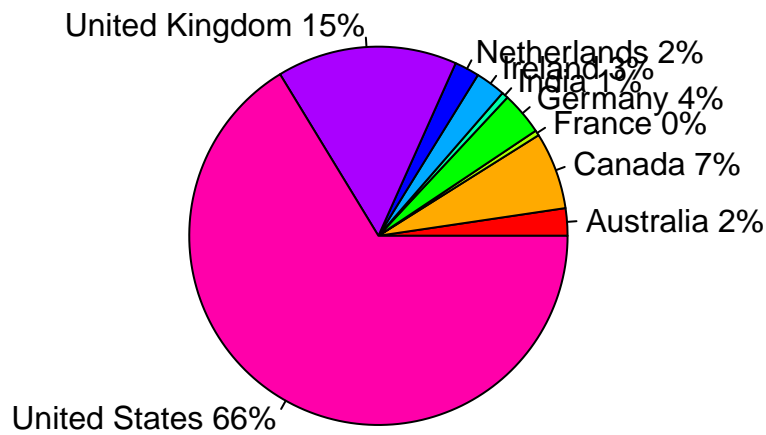
```
## [1] 21 59 4 33 5 23 19 138 594
```

```
country_percentage
```

```
## [1] "Australia"      "Canada"          "France"          "Germany"
## [5] "India"          "Ireland"         "Netherlands"    "United Kingdom"
## [9] "United States"
```

```
pct23 <- round(country_count/sum(country_count)*100)
country_percentage <- paste(country_percentage, pct23) # add percents to labels
country_percentage <- paste(country_percentage,"%",sep="") # ad % to labels
pie(country_count,labels = country_percentage, col=rainbow(length(country_percentage)),
    main="Pie Chart of Countries")
```


Pie Chart of Countries



```
dim(maindata)
```

```
## [1] 896 24
```

```
#write.csv(maindata,'maindata.csv')
```

Encoding Data

```
#Make a copy to make us life easier and could use the categorical dataset when we need
dummydata<-maindata
```

```
#Give numbers for those variable could have a order
dummydata$age=
  ifelse(dummydata$age<=20,1,
    ifelse(dummydata$age>20 & dummydata$age<=40 ,2,
      ifelse(dummydata$age>40 & dummydata$age<=60,3,4)))
dummydata$self_employed<-ifelse(dummydata$self_employed=="Yes", 1,0)
dummydata$family_history<-ifelse(dummydata$family_history=="Yes", 1,0)
dummydata$mh_treatment<-ifelse(dummydata$mh_treatment=="Yes", 1,0)
dummydata$interfere=
  ifelse(dummydata$interfere=='Never',1,
    ifelse(dummydata$interfere=='Rarely',2,
      ifelse(dummydata$interfere=="Sometimes",3,4)))
dummydata$company_size=
  ifelse(dummydata$company_size=='1-5',1,
    ifelse(dummydata$company_size=='6-25',2,
      ifelse(dummydata$company_size=="26-100",3,
        ifelse(dummydata$company_size=="100-500",4,
          ifelse(dummydata$company_size=="500-1000",5,6))))))
dummydata$remote<-ifelse(dummydata$remote=="Yes", 1,0)
dummydata$tech_company<-ifelse(dummydata$tech_company=="Yes", 1,0)
dummydata$mh_negative_consequence_flag=
  ifelse(dummydata$mh_negative_consequence_flag=='No',0,
    ifelse(dummydata$mh_negative_consequence_flag=='Maybe',1,2))
```

```

dummydata$ph_negative_consequence_flag=
  ifelse(dummydata$ph_negative_consequence_flag=='No',0,
    ifelse(dummydata$ph_negative_consequence_flag=='Maybe',1,2))
dummydata$mh_disscuss_coworker=
  ifelse(dummydata$mh_disscuss_coworker=='No',0,
    ifelse(dummydata$mh_disscuss_coworker=='Some of them',1,2))
dummydata$mh_disscuss_supervisor=
  ifelse(dummydata$mh_disscuss_supervisor=='No',0,
    ifelse(dummydata$mh_disscuss_supervisor=='Some of them',1,2))
dummydata$interview_mh_bringup=
  ifelse(dummydata$interview_mh_bringup=='No',0,
    ifelse(dummydata$interview_mh_bringup=='Maybe',1,2))
dummydata$interview_ph_bringup=
  ifelse(dummydata$interview_ph_bringup=='No',0,
    ifelse(dummydata$interview_ph_bringup=='Maybe',1,2))
dummydata$witness_mh_nc<-ifelse(dummydata$witness_mh_nc=="Yes", 1,0)

```

```
skim(dummydata)
```

```

## Skim summary statistics
##   n obs: 896
##   n variables: 24
##
## -- Variable type:character -----
##           variable missing complete   n min max empty n_unique
##   anonymity_protected      0     896 896   2  10    0         3
##   awareness_mh_benefits     0     896 896   2   8    0         3
##           country           0     896 896   5  14    0         9
##           gender            0     896 896   1   1    0         3
##   medical_leave_easy        0     896 896   9  18    0         5
##           mh_benefits       0     896 896   2  10    0         3
##           mh_discuss        0     896 896   2  10    0         3
##           mh_resources      0     896 896   2  10    0         3
##           mh_serious_ph     0     896 896   2  10    0         3
##
## -- Variable type:numeric -----
##           variable missing complete   n mean  sd p0 p25 p50
##           age           0     896 896 2.11 0.37  1  2  2
##   company_size         0     896 896 3.45 1.73  1  2  3
##   family_history       0     896 896 0.46 0.5  0  0  0
##   interfere            0     896 896 2.55 0.97  1  2  3
##   interview_mh_bringup  0     896 896 0.2  0.47  0  0  0
##   interview_ph_bringup  0     896 896 0.74 0.7  0  0  1
##   mh_disscuss_coworker  0     896 896 0.97 0.62  0  1  1
##   mh_disscuss_supervisor 0     896 896 1.07 0.84  0  0  1
##   mh_negative_consequence_flag 0     896 896 0.92 0.78  0  0  1
##           mh_treatment     0     896 896 0.65 0.48  0  0  1
##   ph_negative_consequence_flag 0     896 896 0.33 0.57  0  0  0
##           remote           0     896 896 0.3  0.46  0  0  0
##   self_employed        0     896 896 0.12 0.32  0  0  0
##           tech_company     0     896 896 0.81 0.39  0  1  1
##           witness_mh_nc    0     896 896 0.16 0.37  0  0  0
##   p75 p100    hist

```

```
##      2      4
##      5      6
##      1      1
##      3      4
##      0      2
##      1      2
##      1      2
##      2      2
##      2      2
##      1      1
##      1      2
##      1      1
##      0      1
##      1      1
##      0      1
```

```
#use this for some variable include "I don't know" or "Not sure" and for variable "gender"
#also use this for variable regions
```

```
dummydata<-dummy_cols(dummydata, select_columns = c("anonymity_protected", "awareness_mh_benefits", "gender"))
```

```
#after adding dummies, remove original categorical variables
#leave numeric variables
dummydata <- dummydata[-c(2:3,11:16,23)]
```

```
dim(dummydata)
```

```
## [1] 896 50
```

```
names(dummydata)
```

```
## [1] "age"
## [2] "self_employed"
## [3] "family_history"
## [4] "mh_treatment"
## [5] "interfere"
## [6] "company_size"
## [7] "remote"
## [8] "tech_company"
## [9] "mh_negative_consequence_flag"
## [10] "ph_negative_consequence_flag"
## [11] "mh_disscuss_coworker"
## [12] "mh_disscuss_supervisor"
## [13] "interview_mh_bringup"
## [14] "interview_ph_bringup"
## [15] "witness_mh_nc"
## [16] "anonymity_protected_Yes"
## [17] "anonymity_protected_No"
## [18] "anonymity_protected_Don't know"
## [19] "awareness_mh_benefits_Not sure"
## [20] "awareness_mh_benefits_Yes"
## [21] "awareness_mh_benefits_No"
## [22] "gender_M"
```

```
## [23] "gender_F"
## [24] "gender_T"
## [25] "medical_leave_easy_Very easy"
## [26] "medical_leave_easy_Somewhat difficult"
## [27] "medical_leave_easy_Don't know"
## [28] "medical_leave_easy_Very difficult"
## [29] "medical_leave_easy_Somewhat easy"
## [30] "mh_benefits_Yes"
## [31] "mh_benefits_No"
## [32] "mh_benefits_Don't know"
## [33] "mh_discuss_Yes"
## [34] "mh_discuss_No"
## [35] "mh_discuss_Don't know"
## [36] "mh_resources_Don't know"
## [37] "mh_resources_No"
## [38] "mh_resources_Yes"
## [39] "mh_serious_ph_Yes"
## [40] "mh_serious_ph_No"
## [41] "mh_serious_ph_Don't know"
## [42] "country_United States"
## [43] "country_United Kingdom"
## [44] "country_Canada"
## [45] "country_Netherlands"
## [46] "country_Australia"
## [47] "country_France"
## [48] "country_Germany"
## [49] "country_Ireland"
## [50] "country_India"
```

```
skim(dummydata)
```

```
## Skim summary statistics
##   n obs: 896
##   n variables: 50
##
## -- Variable type:integer -----
##           variable missing complete   n   mean    sd
##   anonymity_protected_Don't know      0    896 896 0.65   0.48
##           anonymity_protected_No       0    896 896 0.044  0.2
##           anonymity_protected_Yes      0    896 896 0.31   0.46
##           awareness_mh_benefits_No     0    896 896 0.36   0.48
##           awareness_mh_benefits_Not sure 0    896 896 0.24   0.43
##           awareness_mh_benefits_Yes    0    896 896 0.4    0.49
##           country_Australia            0    896 896 0.023  0.15
##           country_Canada               0    896 896 0.066  0.25
##           country_France               0    896 896 0.0045 0.067
##           country_Germany              0    896 896 0.037  0.19
##           country_India                0    896 896 0.0056 0.075
##           country_Ireland              0    896 896 0.026  0.16
##           country_Netherlands          0    896 896 0.021  0.14
##           country_United Kingdom       0    896 896 0.15   0.36
##           country_United States        0    896 896 0.66   0.47
##           gender_F                    0    896 896 0.22   0.41
##           gender_M                    0    896 896 0.76   0.42
```

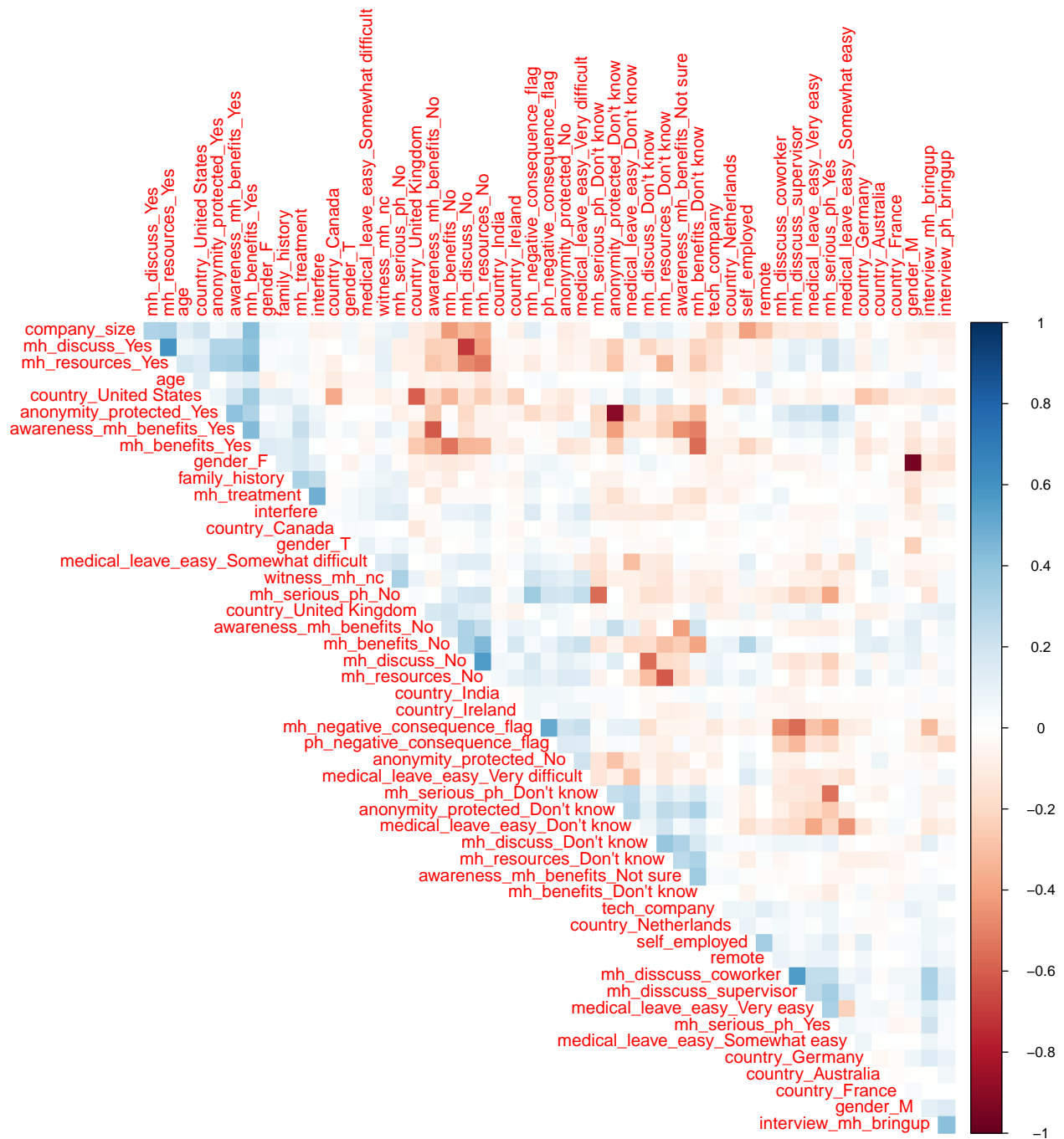
[illegible]

```
##
## -- Variable type:numeric -----
##           variable missing complete  n mean  sd p0 p25 p50
##           age          0      896 896 2.11 0.37  1  2  2
##           company_size  0      896 896 3.45 1.73  1  2  3
##           family_history 0      896 896 0.46 0.5  0  0  0
##           interfere      0      896 896 2.55 0.97  1  2  3
##           interview_mh_bringup 0      896 896 0.2 0.47  0  0  0
##           interview_ph_bringup 0      896 896 0.74 0.7  0  0  1
##           mh_disscuss_coworker 0      896 896 0.97 0.62  0  1  1
##           mh_disscuss_supervisor 0      896 896 1.07 0.84  0  0  1
##           mh_negative_consequence_flag 0      896 896 0.92 0.78  0  0  1
##           mh_treatment  0      896 896 0.65 0.48  0  0  1
##           ph_negative_consequence_flag 0      896 896 0.33 0.57  0  0  0
##           remote        0      896 896 0.3  0.46  0  0  0
##           self_employed  0      896 896 0.12 0.32  0  0  0
##           tech_company   0      896 896 0.81 0.39  0  1  1
##           witness_mh_nc  0      896 896 0.16 0.37  0  0  0
##           p75 p100      hist
##           2    4
##           5    6
##           1    1
##           3    4
##           0    2
##           1    2
##           1    2
##           2    2
##           2    2
##           1    1
##           1    2
##           1    1
##           0    1
##           1    1
##           0    1
```

```
#write.csv(dummydata, 'dummydata.csv')
```

Model Choosing

```
#Correlation Matrix
mh_c<-cor(dummydata)
corrplot(mh_c,
          type="upper",
          diag=F,
          method="color",
          order="hclust")
```



Split Dataset

```
set.seed(666)
# assign 270 random rows to the test set(around 30% of our dataset)
test_index <- sample(nrow(dummydata), 270)
# now split
dummydata.test <- dummydata[test_index,]
dummydata.train <- dummydata[-test_index,]
```

Linear Regression

Preparation

```
# Intercept
intercept <- lm(mh_treatment ~ 1, data=dummydata.train)
summary(intercept)

##
## Call:
## lm(formula = mh_treatment ~ 1, data = dummydata.train)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6645 -0.6645  0.3355  0.3355  0.3355
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.66454    0.01889   35.19  <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4725 on 625 degrees of freedom
```

```
get_mse(intercept, var.estimate = FALSE)
```

```
## [1] 0.2232843
```

```
intercept.test <- lm(mh_treatment ~1, data = dummydata.test)
```

```
get_mse(intercept.test, var.estimate = FALSE)
```

```
## [1] 0.2340631
```

```
# Fit the full model
full.model <- lm(mh_treatment ~., data = dummydata.train)
summary(full.model)
```

```
get_mse(full.model, var.estimate = FALSE)
```

```
## [1] 0.1409489
```

```
full.model.test <- lm(mh_treatment ~., data = dummydata.test)
```

```
get_mse(full.model.test, var.estimate = FALSE)
```

```
## [1] 0.1693364
```

Stepwise Regression

Forward Selection


```
forward.model <- stepAIC(intercept, direction = "forward", scope=list(upper=full.model, lower=intercept,
```

```
forward.model$anova
```

```
## Stepwise Model Path
## Analysis of Deviance Table
##
## Initial Model:
## mh_treatment ~ 1
##
## Final Model:
## mh_treatment ~ interfere + family_history + awareness_mh_benefits_Yes +
##   anonymity_protected_Yes + mh_resources_No + `medical_leave_easy_Somewhat easy` +
##   mh_benefits_Yes + mh_disscuss_coworker + mh_disscuss_supervisor
##
##
##              Step Df   Deviance Resid. Df Resid. Dev
## 1
## 2              + interfere 1 38.3465638      624 101.20615
## 3              + family_history 1 8.2113854      623 92.99477
## 4      + awareness_mh_benefits_Yes 1 4.8294142      622 88.16535
## 5      + anonymity_protected_Yes 1 1.4661576      621 86.69919
## 6              + mh_resources_No 1 0.7215140      620 85.97768
## 7 + `medical_leave_easy_Somewhat easy` 1 0.5217912      619 85.45589
## 8              + mh_benefits_Yes 1 0.3137862      618 85.14210
## 9              + mh_disscuss_coworker 1 0.3459669      617 84.79614
## 10             + mh_disscuss_supervisor 1 0.3984247      616 84.39771
##
##      AIC
## 1 -937.5684
## 2 -1136.6915
## 3 -1187.6613
## 4 -1219.0453
## 5 -1227.5430
## 6 -1230.7744
## 7 -1232.5851
## 8 -1232.8880
## 9 -1233.4368
## 10 -1234.3851
```

```
get_mse(forward.model)
```

```
## [1] 0.1370093
```

```
AIC <- as.data.frame(forward.model$anova$AIC)
names(AIC) <- "AIC"
AIC %>%
  ggvis(x=~ c(1:10), y=~AIC) %>%
  layer_points(fill = ~ AIC) %>%
  add_axis("y", title = "AIC") %>%
  add_axis("x", title = "Number of variables")
```

Renderer: SVG | Canvas

Download

```
yhat_test_forward <- predict(forward.model,dummydata.test)
```

```
mse_test_forward <- mean((dummydata.test$mh_treatment-yhat_test_forward)^2)
mse_test_forward
```

```
## [1] 0.2022849
```

Backward Selection

```
backward.model <- stepAIC(full.model, direction = "backward")
```

```
backward.model$anova
```

```
## Stepwise Model Path
## Analysis of Deviance Table
##
## Initial Model:
## mh_treatment ~ age + self_employed + family_history + interfere +
##   company_size + remote + tech_company + mh_negative_consequence_flag +
##   ph_negative_consequence_flag + mh_disscuss_coworker + mh_disscuss_supervisor +
##   interview_mh_bringup + interview_ph_bringup + witness_mh_nc +
##   anonymity_protected_Yes + anonymity_protected_No + `anonymity_protected_Don't know` +
##   `awareness_mh_benefits_Not sure` + awareness_mh_benefits_Yes +
##   awareness_mh_benefits_No + gender_M + gender_F + gender_T +
##   `medical_leave_easy_Very easy` + `medical_leave_easy_Somewhat difficult` +
##   `medical_leave_easy_Don't know` + `medical_leave_easy_Very difficult` +
##   `medical_leave_easy_Somewhat easy` + mh_benefits_Yes + mh_benefits_No +
##   `mh_benefits_Don't know` + mh_discuss_Yes + mh_discuss_No +
##   `mh_discuss_Don't know` + `mh_resources_Don't know` + mh_resources_No +
##   mh_resources_Yes + mh_serious_ph_Yes + mh_serious_ph_No +
##   `mh_serious_ph_Don't know` + `country_United States` + `country_United Kingdom` +
##   country_Canada + country_Netherlands + country_Australia +
##   country_France + country_Germany + country_Ireland + country_India
##
## Final Model:
## mh_treatment ~ family_history + interfere + company_size + mh_disscuss_coworker +
##   mh_disscuss_supervisor + anonymity_protected_Yes + awareness_mh_benefits_Yes +
##   `mh_resources_Don't know` + mh_serious_ph_Yes
##
##
##
## Step Df      Deviance Resid. Df
## 1
## 2          - country_India 0 0.000000e+00      585
## 3      - `mh_serious_ph_Don't know` 0 0.000000e+00      585
## 4          - mh_resources_Yes 0 0.000000e+00      585
## 5      - `mh_discuss_Don't know` 0 0.000000e+00      585
## 6      - `mh_benefits_Don't know` 0 0.000000e+00      585
## 7      - `medical_leave_easy_Somewhat easy` 0 0.000000e+00      585
## 8          - gender_T 0 0.000000e+00      585
## 9      - awareness_mh_benefits_No 0 0.000000e+00      585
```

## 10	- `anonymity_protected_Don't know`	0 0.000000e+00	585
## 11	- mh_discuss_No	1 9.323422e-05	586
## 12	- gender_M	1 2.412762e-04	587
## 13	- ph_negative_consequence_flag	1 5.368989e-04	588
## 14	- anonymity_protected_No	1 6.690671e-04	589
## 15	- tech_company	1 6.596413e-04	590
## 16	- country_France	1 7.146366e-03	591
## 17	- mh_negative_consequence_flag	1 7.765282e-03	592
## 18	- `medical_leave_easy_Very difficult`	1 3.008179e-02	593
## 19	- mh_resources_No	1 3.325450e-02	594
## 20	- mh_discuss_Yes	1 1.867182e-02	595
## 21	- interview_ph_bringup	1 4.884838e-02	596
## 22	- interview_mh_bringup	1 3.675183e-02	597
## 23	- remote	1 4.931741e-02	598
## 24	- country_Germany	1 6.472140e-02	599
## 25	- country_Ireland	1 1.826883e-02	600
## 26	- mh_serious_ph_No	1 6.932353e-02	601
## 27	- `awareness_mh_benefits_Not sure`	1 7.330520e-02	602
## 28	- mh_benefits_No	1 8.128981e-02	603
## 29	- age	1 8.947967e-02	604
## 30	- self_employed	1 8.296897e-02	605
## 31	- witness_mh_nc	1 9.592549e-02	606
## 32	- `country_United Kingdom`	1 9.162061e-02	607
## 33	- `medical_leave_easy_Very easy`	1 9.560900e-02	608
## 34	- country_Australia	1 9.562014e-02	609
## 35	- country_Canada	1 8.780507e-02	610
## 36	- `country_United States`	1 5.375758e-02	611
## 37	- `medical_leave_easy_Somewhat difficult`	1 9.852072e-02	612
## 38	- gender_F	1 1.058500e-01	613
## 39	- country_Netherlands	1 1.101468e-01	614
## 40	- mh_benefits_Yes	1 1.550259e-01	615
## 41	- `medical_leave_easy_Don't know`	1 2.540141e-01	616
##	Resid. Dev	AIC	
## 1	82.45509	-1186.962	
## 2	82.45509	-1186.962	
## 3	82.45509	-1186.962	
## 4	82.45509	-1186.962	
## 5	82.45509	-1186.962	
## 6	82.45509	-1186.962	
## 7	82.45509	-1186.962	
## 8	82.45509	-1186.962	
## 9	82.45509	-1186.962	
## 10	82.45509	-1186.962	
## 11	82.45519	-1188.962	
## 12	82.45543	-1190.960	
## 13	82.45596	-1192.956	
## 14	82.45663	-1194.951	
## 15	82.45729	-1196.946	
## 16	82.46444	-1198.891	
## 17	82.47220	-1200.833	
## 18	82.50229	-1202.604	
## 19	82.53554	-1204.352	
## 20	82.55421	-1206.210	
## 21	82.60306	-1207.840	

```
## 22 82.63981 -1209.562
## 23 82.68913 -1211.188
## 24 82.75385 -1212.698
## 25 82.77212 -1214.560
## 26 82.84144 -1216.036
## 27 82.91475 -1217.482
## 28 82.99604 -1218.869
## 29 83.08552 -1220.194
## 30 83.16849 -1221.570
## 31 83.26441 -1222.848
## 32 83.35603 -1224.160
## 33 83.45164 -1225.442
## 34 83.54726 -1226.725
## 35 83.63507 -1228.068
## 36 83.68883 -1229.665
## 37 83.78735 -1230.929
## 38 83.89320 -1232.138
## 39 84.00334 -1233.317
## 40 84.15837 -1234.163
## 41 84.41238 -1234.276
```

```
get_mse(backward.model)
```

```
## [1] 0.1370331
```

```
AIC2 <- as.data.frame(backward.model$anova$AIC)
names(AIC2) <- "AIC2"
AIC2 %>%
  ggvis(x=~ c(1:41), y=~AIC2 ) %>%
  layer_points(fill = ~ desc(AIC2)) %>%
  add_axis("y", title = "AIC") %>%
  add_axis("x", title = "Number of variables eliminated")
```

Renderer: SVG | Canvas

Download

```
yhat_test_backward <- predict(backward.model,dummydata.test)
```

```
mse_test_backward <- mean((dummydata.test$mh_treatment-yhat_test_backward)^2)
mse_test_backward
```

```
## [1] 0.2047806
```

Penalized regression

```
x_data <- model.matrix( ~ -1 + . -mh_treatment, dummydata)
x_train <- x_data[-test_index, ]
y_train <- dummydata$mh_treatment[-test_index]
x_test <- x_data[test_index, ]
y_test <- dummydata$mh_treatment[test_index]
```

Ridge regression

```
fit_ridge <- cv.glmnet(x_train, y_train, alpha = 0, nfolds = 10)
```

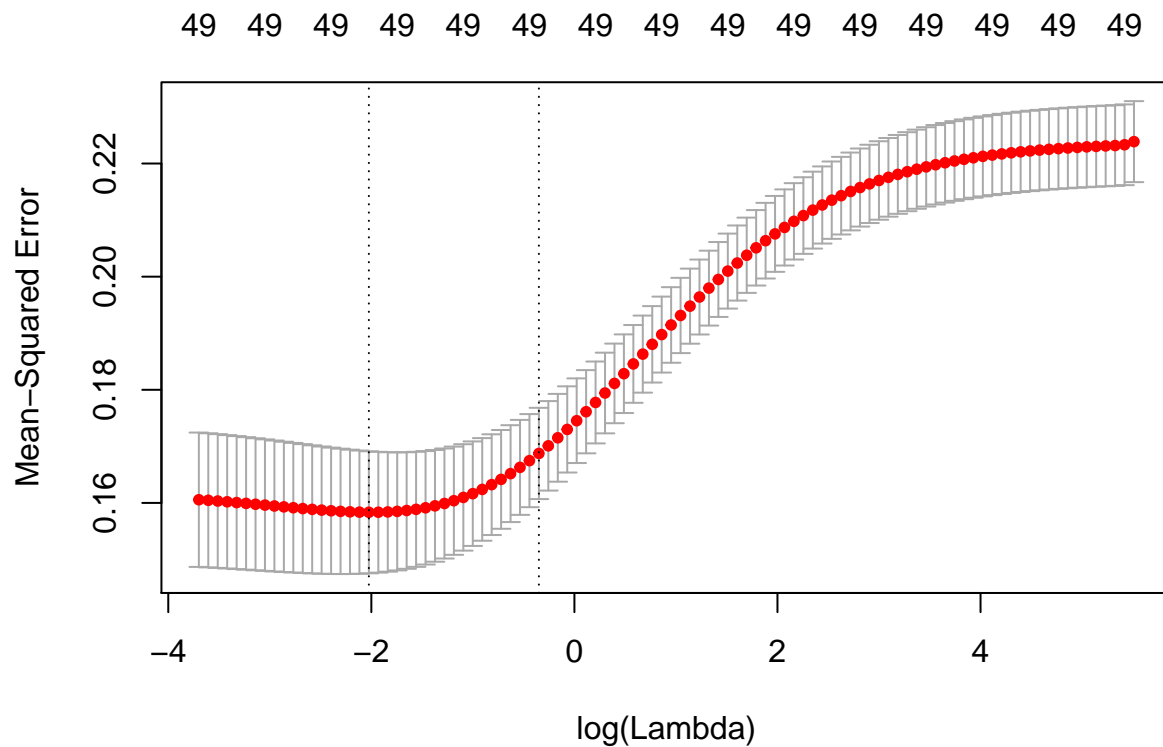
```
yhat_train_ridge <- predict(fit_ridge, x_train, s = fit_ridge$lambda.min)
mse_train_ridge <- mean((y_train - yhat_train_ridge)^2)
mse_train_ridge
```

```
## [1] 0.1348656
```

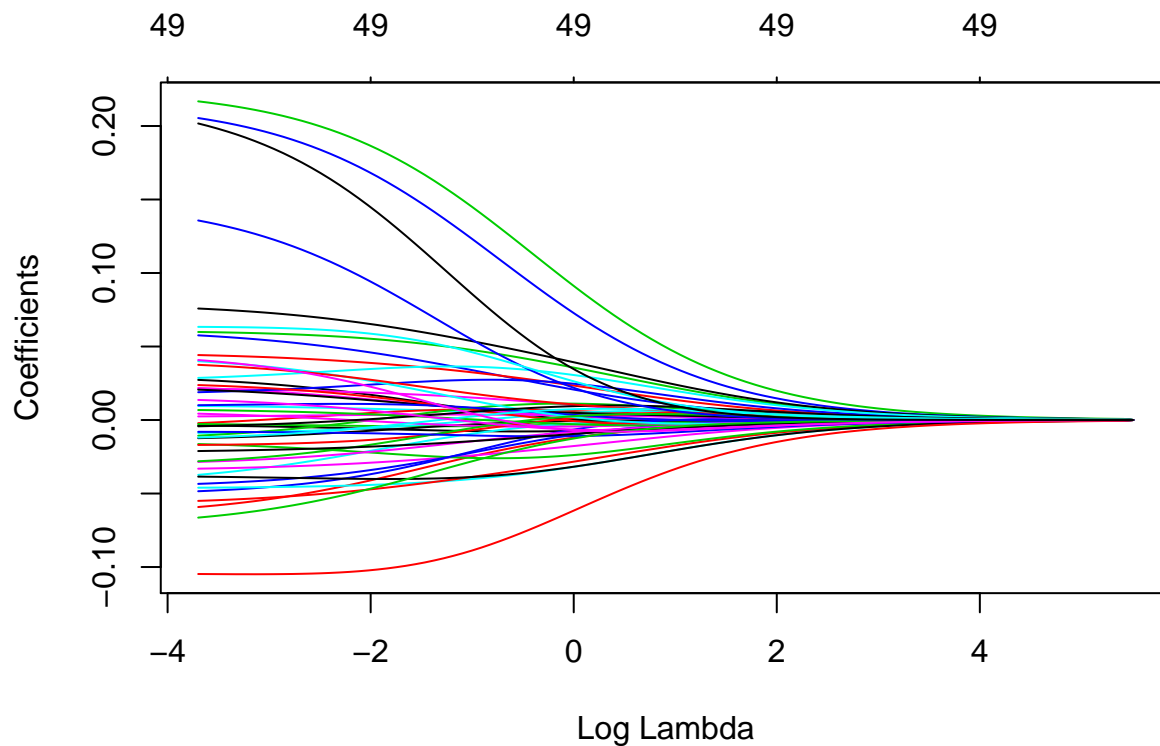
```
yhat_test_ridge <- predict(fit_ridge, x_test, s = fit_ridge$lambda.min)
mse_test_ridge <- mean((y_test - yhat_test_ridge)^2)
mse_test_ridge
```

```
## [1] 0.1947492
```

```
# Plot cross-validation results
plot(fit_ridge)
```



```
fit_ridge2 <- glmnet(x_train, y_train, alpha = 0)
plot(fit_ridge2, xvar = "lambda")
```



Lasso regression

```
fit_lasso <- cv.glmnet(x_train, y_train, alpha = 1, nfolds = 10)
```

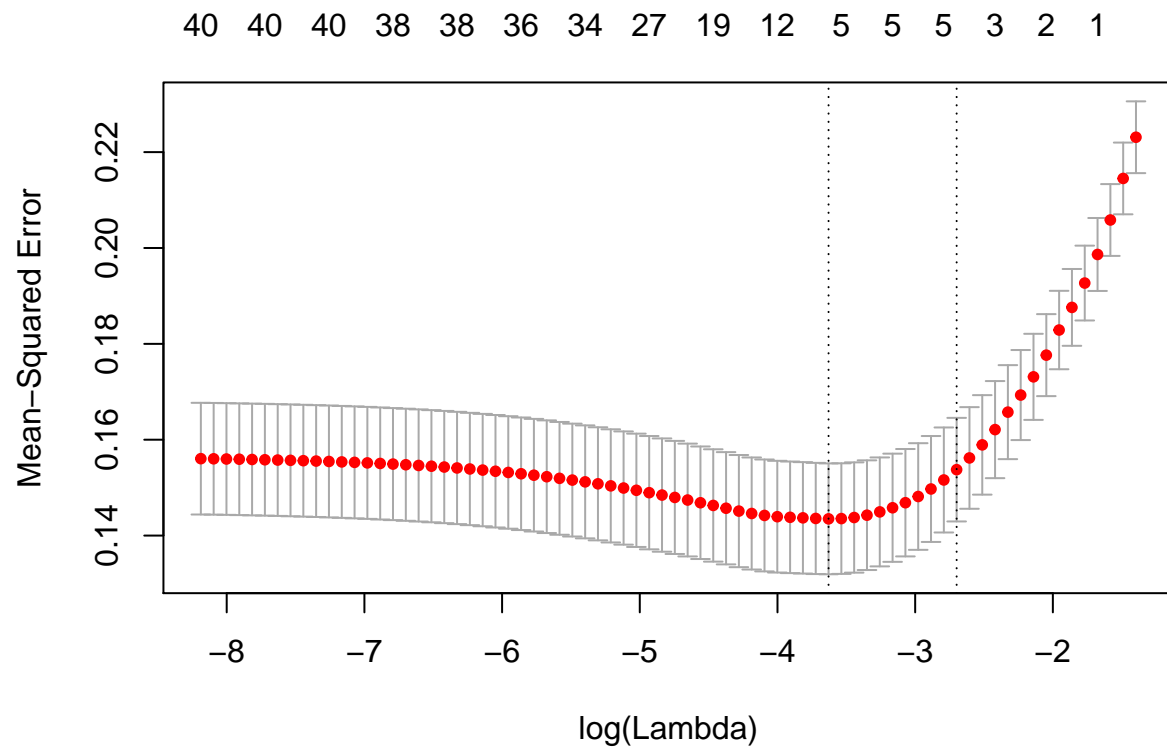
```
yhat_train_lasso <- predict(fit_lasso, x_train, s = fit_lasso$lambda.min)
mse_train_lasso <- mean((y_train - yhat_train_lasso)^2)
mse_train_lasso
```

```
## [1] 0.139378
```

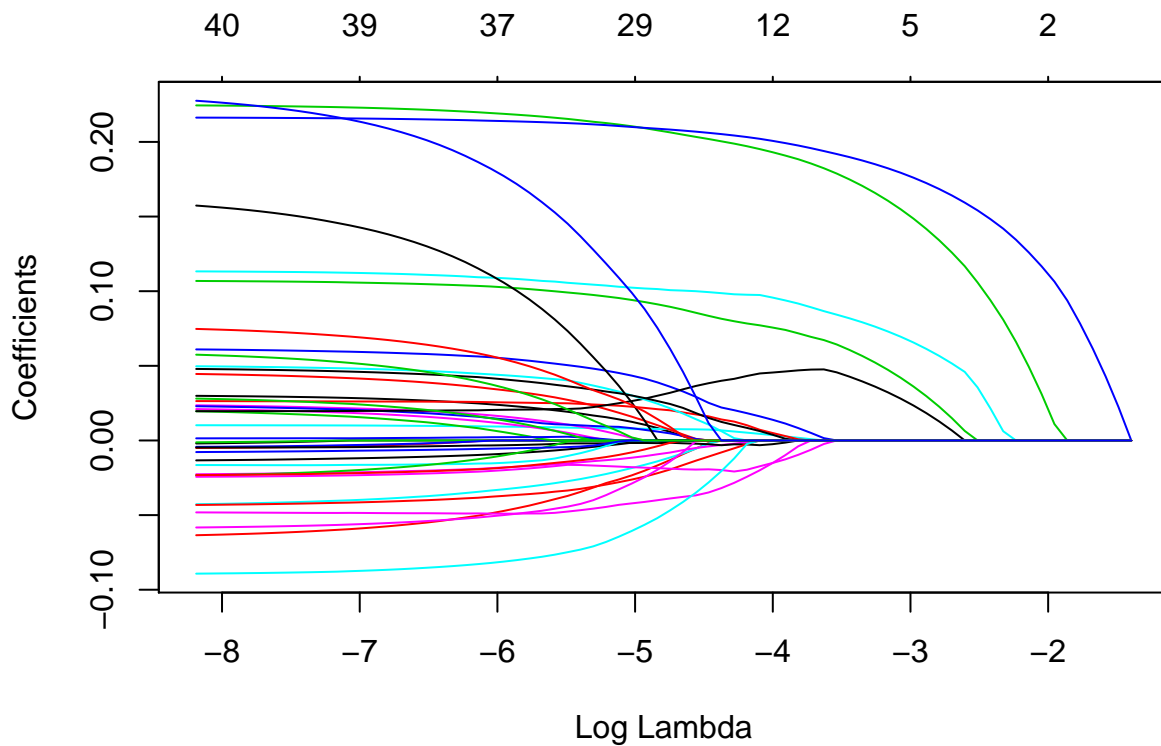
```
yhat_test_lasso <- predict(fit_lasso, x_test, s = fit_lasso$lambda.min)
mse_test_lasso <- mean((y_test - yhat_test_lasso)^2)
mse_test_lasso
```

```
## [1] 0.1957933
```

```
# Plot cross-validation results
plot(fit_lasso)
```



```
fit_lasso2 <- glmnet(x_train, y_train, alpha = 1)
plot(fit_lasso2, xvar = "lambda")
```



More machine learning will in the python notebook.

Regression with Suicide Rate and Happiness Score

```
#overall individual level
```

```
newdata<-maindata%>%
```

```
  mutate(mh_treatment=ifelse(mh_treatment=="Yes", 1, 0))
```

```
head(newdata)
```

```
##   age gender      country self_employed family_history mh_treatment
## 1  46      M United States         Yes         Yes         0
## 2  29      M United States         No         Yes         1
## 3  31      M United States         Yes         No         0
## 4  46      M United States         No         No         1
## 5  41      M United States         No         No         1
## 6  33      M United States         No         Yes         1
##   interfere  company_size remote tech_company mh_benefits
## 1 Sometimes      1-5      Yes         Yes         Yes
## 2 Sometimes    100-500      No         Yes         Yes
## 3      Never      1-5      Yes         Yes         No
## 4      Often    26-100      Yes         Yes         Yes
## 5      Never More than 1000      No         No Don't know
## 6      Rarely    26-100      No         Yes         Yes
##   awareness_mh_benefits mh_discuss mh_resources anonymity_protected
## 1             Not sure      Yes Don't know              Yes
## 2              Yes         No         No              No
## 3              No         No         No              Yes
## 4              Yes         No         No         Don't know
## 5              No         No Don't know         Don't know
## 6             Not sure Don't know      Yes              Yes
##   medical_leave_easy mh_negative_consequence_flag
## 1             Very easy              No
## 2 Somewhat difficult              Maybe
## 3 Somewhat difficult              No
## 4             Don't know              Maybe
## 5             Don't know              Maybe
## 6             Don't know              No
##   ph_negative_consequence_flag mh_disscuss_coworker mh_disscuss_supervisor
## 1              No              Yes              Yes
## 2              No          Some of them          Some of them
## 3              No          Some of them          Some of them
## 4              No          Some of them              Yes
## 5              No              No              No
## 6              No              Yes              Yes
##   interview_mh_bringup interview_ph_bringup mh_serious_ph witness_mh_nc
## 1              No              Yes              Yes              Yes
## 2              No              No              No              No
## 3              No              Maybe              Yes              No
## 4              No              Maybe              No              No
## 5              No              Yes         Don't know              No
## 6              No              Yes         Don't know              No
```

```
#leave useful columns
```

```
newdata<-newdata[,c(3,6)]
```

```
head(newdata)
```

```
##           country mh_treatment
```



```
## 1 United States      0
## 2 United States      1
## 3 United States      0
## 4 United States      1
## 5 United States      1
## 6 United States      1
```

```
happiness<-read_csv("happiness_2015.csv")
```

```
head(happiness)
```

```
## # A tibble: 6 x 9
##       X1 h_country h_rank h_score gdp_capita life_exp freedom h_year country
##   <dbl> <chr>    <dbl>   <dbl>   <dbl>   <dbl>   <dbl> <dbl> <chr>
## 1     1  Switzerland 1     7.59     1.40    0.941    0.666  2015 Switze~
## 2     2    Iceland  2     7.56     1.30    0.948    0.629  2015 Iceland
## 3     3    Denmark  3     7.53     1.33    0.875    0.649  2015 Denmark
## 4     4    Norway  4     7.52     1.46    0.885    0.670  2015 Norway
## 5     5    Canada  5     7.43     1.33    0.906    0.633  2015 Canada
## 6     6    Finland  6     7.41     1.29    0.889    0.642  2015 Finland
```

```
#leave useful columns
happiness<-happiness[,c(4,5,6,7,9)]
```

```
head(happiness)
```

```
## # A tibble: 6 x 5
##   h_score gdp_capita life_exp freedom country
##   <dbl>   <dbl>   <dbl>   <dbl> <chr>
## 1   7.59     1.40    0.941    0.666 Switzerland
## 2   7.56     1.30    0.948    0.629 Iceland
## 3   7.53     1.33    0.875    0.649 Denmark
## 4   7.52     1.46    0.885    0.670 Norway
## 5   7.43     1.33    0.906    0.633 Canada
## 6   7.41     1.29    0.889    0.642 Finland
```

```
regression_data <- merge(x=newdata, y=happiness, by="country")
```

```
head(regression_data)
```

```
##       country mh_treatment h_score gdp_capita life_exp freedom
## 1 Australia      0    7.284    1.33358  0.93156  0.65124
## 2 Australia      1    7.284    1.33358  0.93156  0.65124
## 3 Australia      1    7.284    1.33358  0.93156  0.65124
## 4 Australia      1    7.284    1.33358  0.93156  0.65124
## 5 Australia      1    7.284    1.33358  0.93156  0.65124
## 6 Australia      1    7.284    1.33358  0.93156  0.65124
```

```
suicide<-read_csv("suicide_2015.csv")
```

```
head(suicide)
```

```
## # A tibble: 6 x 6
##   X1 country      year suicides_no population percentage
##   <dbl> <chr>      <dbl>      <dbl>      <dbl>      <dbl>
## 1     1 Antigua and Barbuda 2015         0      33399         0
## 2     2 Argentina          2015       867  14116155  0.00614
## 3     3 Armenia            2015         5   805354  0.000621
## 4     4 Aruba              2015         4   28765  0.0139
## 5     5 Australia          2015      405  6070956  0.00667
## 6     6 Austria            2015        82  1832927  0.00447
```

```
suicide<-suicide[, c(2,4,5,6)]
```

```
names(suicide)[4]<-"suicide_rate"
```

```
#transfer suicide rate to %
suicide<-
  suicide%>%
  mutate(suicide_rate=suicide_rate*100)
```

```
head(suicide)
```

```
## # A tibble: 6 x 4
##   country      suicides_no population suicide_rate
##   <chr>      <dbl>      <dbl>      <dbl>
## 1 Antigua and Barbuda         0      33399         0
## 2 Argentina          867  14116155  0.614
## 3 Armenia             5   805354  0.0621
## 4 Aruba                4   28765  1.39
## 5 Australia          405  6070956  0.667
## 6 Austria             82  1832927  0.447
```

```
regression_data <- merge(x=regression_data, y=suicide, by="country")
```

```
regression_data
```

```
##           country mh_treatment h_score gdp_capita life_exp freedom
## 1      Australia         1    7.284    1.33358  0.93156  0.65124
## 2      Australia         1    7.284    1.33358  0.93156  0.65124
## 3      Australia         1    7.284    1.33358  0.93156  0.65124
## 4      Australia         1    7.284    1.33358  0.93156  0.65124
## 5      Australia         1    7.284    1.33358  0.93156  0.65124
## 6      Australia         1    7.284    1.33358  0.93156  0.65124
## 7      Australia         0    7.284    1.33358  0.93156  0.65124
## 8      Australia         0    7.284    1.33358  0.93156  0.65124
## 9      Australia         1    7.284    1.33358  0.93156  0.65124
## 10     Australia         1    7.284    1.33358  0.93156  0.65124
## 11     Australia         0    7.284    1.33358  0.93156  0.65124
## 12     Australia         1    7.284    1.33358  0.93156  0.65124
```

## 13	Australia	0	7.284	1.33358	0.93156	0.65124
## 14	Australia	0	7.284	1.33358	0.93156	0.65124
## 15	Australia	1	7.284	1.33358	0.93156	0.65124
## 16	Australia	1	7.284	1.33358	0.93156	0.65124
## 17	Australia	0	7.284	1.33358	0.93156	0.65124
## 18	Australia	0	7.284	1.33358	0.93156	0.65124
## 19	Australia	1	7.284	1.33358	0.93156	0.65124
## 20	Australia	1	7.284	1.33358	0.93156	0.65124
## 21	Australia	0	7.284	1.33358	0.93156	0.65124
## 22	Germany	1	6.750	1.32792	0.89186	0.61477
## 23	Germany	1	6.750	1.32792	0.89186	0.61477
## 24	Germany	1	6.750	1.32792	0.89186	0.61477
## 25	Germany	1	6.750	1.32792	0.89186	0.61477
## 26	Germany	1	6.750	1.32792	0.89186	0.61477
## 27	Germany	1	6.750	1.32792	0.89186	0.61477
## 28	Germany	0	6.750	1.32792	0.89186	0.61477
## 29	Germany	0	6.750	1.32792	0.89186	0.61477
## 30	Germany	0	6.750	1.32792	0.89186	0.61477
## 31	Germany	1	6.750	1.32792	0.89186	0.61477
## 32	Germany	1	6.750	1.32792	0.89186	0.61477
## 33	Germany	1	6.750	1.32792	0.89186	0.61477
## 34	Germany	0	6.750	1.32792	0.89186	0.61477
## 35	Germany	0	6.750	1.32792	0.89186	0.61477
## 36	Germany	1	6.750	1.32792	0.89186	0.61477
## 37	Germany	1	6.750	1.32792	0.89186	0.61477
## 38	Germany	0	6.750	1.32792	0.89186	0.61477
## 39	Germany	1	6.750	1.32792	0.89186	0.61477
## 40	Germany	1	6.750	1.32792	0.89186	0.61477
## 41	Germany	1	6.750	1.32792	0.89186	0.61477
## 42	Germany	0	6.750	1.32792	0.89186	0.61477
## 43	Germany	1	6.750	1.32792	0.89186	0.61477
## 44	Germany	0	6.750	1.32792	0.89186	0.61477
## 45	Germany	1	6.750	1.32792	0.89186	0.61477
## 46	Germany	0	6.750	1.32792	0.89186	0.61477
## 47	Germany	1	6.750	1.32792	0.89186	0.61477
## 48	Germany	0	6.750	1.32792	0.89186	0.61477
## 49	Germany	0	6.750	1.32792	0.89186	0.61477
## 50	Germany	1	6.750	1.32792	0.89186	0.61477
## 51	Germany	1	6.750	1.32792	0.89186	0.61477
## 52	Germany	1	6.750	1.32792	0.89186	0.61477
## 53	Germany	1	6.750	1.32792	0.89186	0.61477
## 54	Germany	0	6.750	1.32792	0.89186	0.61477
## 55	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 56	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 57	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 58	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 59	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 60	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 61	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 62	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 63	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 64	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 65	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 66	Netherlands	1	7.378	1.32944	0.89284	0.61576

## 67	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 68	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 69	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 70	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 71	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 72	Netherlands	0	7.378	1.32944	0.89284	0.61576
## 73	Netherlands	1	7.378	1.32944	0.89284	0.61576
## 74	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 75	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 76	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 77	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 78	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 79	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 80	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 81	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 82	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 83	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 84	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 85	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 86	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 87	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 88	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 89	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 90	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 91	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 92	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 93	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 94	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 95	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 96	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 97	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 98	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 99	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 100	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 101	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 102	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 103	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 104	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 105	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 106	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 107	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 108	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 109	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 110	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 111	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 112	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 113	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 114	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 115	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 116	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 117	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 118	United Kingdom	1	6.867	1.26637	0.90943	0.59625
## 119	United Kingdom	0	6.867	1.26637	0.90943	0.59625
## 120	United Kingdom	1	6.867	1.26637	0.90943	0.59625

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

## 769	United States	1	7.119	1.39451	0.86179	0.54604
## 770	United States	1	7.119	1.39451	0.86179	0.54604
## 771	United States	1	7.119	1.39451	0.86179	0.54604
## 772	United States	1	7.119	1.39451	0.86179	0.54604
## 773	United States	0	7.119	1.39451	0.86179	0.54604
## 774	United States	1	7.119	1.39451	0.86179	0.54604
## 775	United States	1	7.119	1.39451	0.86179	0.54604
## 776	United States	1	7.119	1.39451	0.86179	0.54604
## 777	United States	1	7.119	1.39451	0.86179	0.54604
## 778	United States	0	7.119	1.39451	0.86179	0.54604
## 779	United States	1	7.119	1.39451	0.86179	0.54604
## 780	United States	1	7.119	1.39451	0.86179	0.54604
## 781	United States	0	7.119	1.39451	0.86179	0.54604
## 782	United States	1	7.119	1.39451	0.86179	0.54604
## 783	United States	1	7.119	1.39451	0.86179	0.54604
## 784	United States	1	7.119	1.39451	0.86179	0.54604
## 785	United States	1	7.119	1.39451	0.86179	0.54604
## 786	United States	1	7.119	1.39451	0.86179	0.54604
## 787	United States	1	7.119	1.39451	0.86179	0.54604
## 788	United States	0	7.119	1.39451	0.86179	0.54604
## 789	United States	1	7.119	1.39451	0.86179	0.54604
## 790	United States	1	7.119	1.39451	0.86179	0.54604
## 791	United States	1	7.119	1.39451	0.86179	0.54604
## 792	United States	1	7.119	1.39451	0.86179	0.54604
## 793	United States	0	7.119	1.39451	0.86179	0.54604
## 794	United States	0	7.119	1.39451	0.86179	0.54604
## 795	United States	1	7.119	1.39451	0.86179	0.54604
## 796	United States	1	7.119	1.39451	0.86179	0.54604
## 797	United States	0	7.119	1.39451	0.86179	0.54604
## 798	United States	1	7.119	1.39451	0.86179	0.54604
## 799	United States	1	7.119	1.39451	0.86179	0.54604
## 800	United States	1	7.119	1.39451	0.86179	0.54604
## 801	United States	1	7.119	1.39451	0.86179	0.54604
## 802	United States	1	7.119	1.39451	0.86179	0.54604
## 803	United States	1	7.119	1.39451	0.86179	0.54604
## 804	United States	1	7.119	1.39451	0.86179	0.54604
## 805	United States	1	7.119	1.39451	0.86179	0.54604
##	suicides_no	population	suicide_rate			
## 1	405	6070956	0.6671107			
## 2	405	6070956	0.6671107			
## 3	405	6070956	0.6671107			
## 4	405	6070956	0.6671107			
## 5	405	6070956	0.6671107			
## 6	405	6070956	0.6671107			
## 7	405	6070956	0.6671107			
## 8	405	6070956	0.6671107			
## 9	405	6070956	0.6671107			
## 10	405	6070956	0.6671107			
## 11	405	6070956	0.6671107			
## 12	405	6070956	0.6671107			
## 13	405	6070956	0.6671107			
## 14	405	6070956	0.6671107			
## 15	405	6070956	0.6671107			
## 16	405	6070956	0.6671107			

## 17	405	6070956	0.6671107
## 18	405	6070956	0.6671107
## 19	405	6070956	0.6671107
## 20	405	6070956	0.6671107
## 21	405	6070956	0.6671107
## 22	531	15949437	0.3329271
## 23	531	15949437	0.3329271
## 24	531	15949437	0.3329271
## 25	531	15949437	0.3329271
## 26	531	15949437	0.3329271
## 27	531	15949437	0.3329271
## 28	531	15949437	0.3329271
## 29	531	15949437	0.3329271
## 30	531	15949437	0.3329271
## 31	531	15949437	0.3329271
## 32	531	15949437	0.3329271
## 33	531	15949437	0.3329271
## 34	531	15949437	0.3329271
## 35	531	15949437	0.3329271
## 36	531	15949437	0.3329271
## 37	531	15949437	0.3329271
## 38	531	15949437	0.3329271
## 39	531	15949437	0.3329271
## 40	531	15949437	0.3329271
## 41	531	15949437	0.3329271
## 42	531	15949437	0.3329271
## 43	531	15949437	0.3329271
## 44	531	15949437	0.3329271
## 45	531	15949437	0.3329271
## 46	531	15949437	0.3329271
## 47	531	15949437	0.3329271
## 48	531	15949437	0.3329271
## 49	531	15949437	0.3329271
## 50	531	15949437	0.3329271
## 51	531	15949437	0.3329271
## 52	531	15949437	0.3329271
## 53	531	15949437	0.3329271
## 54	531	15949437	0.3329271
## 55	130	4008181	0.3243367
## 56	130	4008181	0.3243367
## 57	130	4008181	0.3243367
## 58	130	4008181	0.3243367
## 59	130	4008181	0.3243367
## 60	130	4008181	0.3243367
## 61	130	4008181	0.3243367
## 62	130	4008181	0.3243367
## 63	130	4008181	0.3243367
## 64	130	4008181	0.3243367
## 65	130	4008181	0.3243367
## 66	130	4008181	0.3243367
## 67	130	4008181	0.3243367
## 68	130	4008181	0.3243367
## 69	130	4008181	0.3243367
## 70	130	4008181	0.3243367

## 71	130	4008181	0.3243367
## 72	130	4008181	0.3243367
## 73	130	4008181	0.3243367
## 74	488	15622253	0.3123749
## 75	488	15622253	0.3123749
## 76	488	15622253	0.3123749
## 77	488	15622253	0.3123749
## 78	488	15622253	0.3123749
## 79	488	15622253	0.3123749
## 80	488	15622253	0.3123749
## 81	488	15622253	0.3123749
## 82	488	15622253	0.3123749
## 83	488	15622253	0.3123749
## 84	488	15622253	0.3123749
## 85	488	15622253	0.3123749
## 86	488	15622253	0.3123749
## 87	488	15622253	0.3123749
## 88	488	15622253	0.3123749
## 89	488	15622253	0.3123749
## 90	488	15622253	0.3123749
## 91	488	15622253	0.3123749
## 92	488	15622253	0.3123749
## 93	488	15622253	0.3123749
## 94	488	15622253	0.3123749
## 95	488	15622253	0.3123749
## 96	488	15622253	0.3123749
## 97	488	15622253	0.3123749
## 98	488	15622253	0.3123749
## 99	488	15622253	0.3123749
## 100	488	15622253	0.3123749
## 101	488	15622253	0.3123749
## 102	488	15622253	0.3123749
## 103	488	15622253	0.3123749
## 104	488	15622253	0.3123749
## 105	488	15622253	0.3123749
## 106	488	15622253	0.3123749
## 107	488	15622253	0.3123749
## 108	488	15622253	0.3123749
## 109	488	15622253	0.3123749
## 110	488	15622253	0.3123749
## 111	488	15622253	0.3123749
## 112	488	15622253	0.3123749
## 113	488	15622253	0.3123749
## 114	488	15622253	0.3123749
## 115	488	15622253	0.3123749
## 116	488	15622253	0.3123749
## 117	488	15622253	0.3123749
## 118	488	15622253	0.3123749
## 119	488	15622253	0.3123749
## 120	488	15622253	0.3123749
## 121	488	15622253	0.3123749
## 122	488	15622253	0.3123749
## 123	488	15622253	0.3123749
## 124	488	15622253	0.3123749

## 125	488	15622253	0.3123749
## 126	488	15622253	0.3123749
## 127	488	15622253	0.3123749
## 128	488	15622253	0.3123749
## 129	488	15622253	0.3123749
## 130	488	15622253	0.3123749
## 131	488	15622253	0.3123749
## 132	488	15622253	0.3123749
## 133	488	15622253	0.3123749
## 134	488	15622253	0.3123749
## 135	488	15622253	0.3123749
## 136	488	15622253	0.3123749
## 137	488	15622253	0.3123749
## 138	488	15622253	0.3123749
## 139	488	15622253	0.3123749
## 140	488	15622253	0.3123749
## 141	488	15622253	0.3123749
## 142	488	15622253	0.3123749
## 143	488	15622253	0.3123749
## 144	488	15622253	0.3123749
## 145	488	15622253	0.3123749
## 146	488	15622253	0.3123749
## 147	488	15622253	0.3123749
## 148	488	15622253	0.3123749
## 149	488	15622253	0.3123749
## 150	488	15622253	0.3123749
## 151	488	15622253	0.3123749
## 152	488	15622253	0.3123749
## 153	488	15622253	0.3123749
## 154	488	15622253	0.3123749
## 155	488	15622253	0.3123749
## 156	488	15622253	0.3123749
## 157	488	15622253	0.3123749
## 158	488	15622253	0.3123749
## 159	488	15622253	0.3123749
## 160	488	15622253	0.3123749
## 161	488	15622253	0.3123749
## 162	488	15622253	0.3123749
## 163	488	15622253	0.3123749
## 164	488	15622253	0.3123749
## 165	488	15622253	0.3123749
## 166	488	15622253	0.3123749
## 167	488	15622253	0.3123749
## 168	488	15622253	0.3123749
## 169	488	15622253	0.3123749
## 170	488	15622253	0.3123749
## 171	488	15622253	0.3123749
## 172	488	15622253	0.3123749
## 173	488	15622253	0.3123749
## 174	488	15622253	0.3123749
## 175	488	15622253	0.3123749
## 176	488	15622253	0.3123749
## 177	488	15622253	0.3123749
## 178	488	15622253	0.3123749

## 179	488	15622253	0.3123749
## 180	488	15622253	0.3123749
## 181	488	15622253	0.3123749
## 182	488	15622253	0.3123749
## 183	488	15622253	0.3123749
## 184	488	15622253	0.3123749
## 185	488	15622253	0.3123749
## 186	488	15622253	0.3123749
## 187	488	15622253	0.3123749
## 188	488	15622253	0.3123749
## 189	488	15622253	0.3123749
## 190	488	15622253	0.3123749
## 191	488	15622253	0.3123749
## 192	488	15622253	0.3123749
## 193	488	15622253	0.3123749
## 194	488	15622253	0.3123749
## 195	488	15622253	0.3123749
## 196	488	15622253	0.3123749
## 197	488	15622253	0.3123749
## 198	488	15622253	0.3123749
## 199	488	15622253	0.3123749
## 200	488	15622253	0.3123749
## 201	488	15622253	0.3123749
## 202	488	15622253	0.3123749
## 203	488	15622253	0.3123749
## 204	488	15622253	0.3123749
## 205	488	15622253	0.3123749
## 206	488	15622253	0.3123749
## 207	488	15622253	0.3123749
## 208	488	15622253	0.3123749
## 209	488	15622253	0.3123749
## 210	488	15622253	0.3123749
## 211	488	15622253	0.3123749
## 212	5904	85865774	0.6875848
## 213	5904	85865774	0.6875848
## 214	5904	85865774	0.6875848
## 215	5904	85865774	0.6875848
## 216	5904	85865774	0.6875848
## 217	5904	85865774	0.6875848
## 218	5904	85865774	0.6875848
## 219	5904	85865774	0.6875848
## 220	5904	85865774	0.6875848
## 221	5904	85865774	0.6875848
## 222	5904	85865774	0.6875848
## 223	5904	85865774	0.6875848
## 224	5904	85865774	0.6875848
## 225	5904	85865774	0.6875848
## 226	5904	85865774	0.6875848
## 227	5904	85865774	0.6875848
## 228	5904	85865774	0.6875848
## 229	5904	85865774	0.6875848
## 230	5904	85865774	0.6875848
## 231	5904	85865774	0.6875848
## 232	5904	85865774	0.6875848

## 233	5904	85865774	0.6875848
## 234	5904	85865774	0.6875848
## 235	5904	85865774	0.6875848
## 236	5904	85865774	0.6875848
## 237	5904	85865774	0.6875848
## 238	5904	85865774	0.6875848
## 239	5904	85865774	0.6875848
## 240	5904	85865774	0.6875848
## 241	5904	85865774	0.6875848
## 242	5904	85865774	0.6875848
## 243	5904	85865774	0.6875848
## 244	5904	85865774	0.6875848
## 245	5904	85865774	0.6875848
## 246	5904	85865774	0.6875848
## 247	5904	85865774	0.6875848
## 248	5904	85865774	0.6875848
## 249	5904	85865774	0.6875848
## 250	5904	85865774	0.6875848
## 251	5904	85865774	0.6875848
## 252	5904	85865774	0.6875848
## 253	5904	85865774	0.6875848
## 254	5904	85865774	0.6875848
## 255	5904	85865774	0.6875848
## 256	5904	85865774	0.6875848
## 257	5904	85865774	0.6875848
## 258	5904	85865774	0.6875848
## 259	5904	85865774	0.6875848
## 260	5904	85865774	0.6875848
## 261	5904	85865774	0.6875848
## 262	5904	85865774	0.6875848
## 263	5904	85865774	0.6875848
## 264	5904	85865774	0.6875848
## 265	5904	85865774	0.6875848
## 266	5904	85865774	0.6875848
## 267	5904	85865774	0.6875848
## 268	5904	85865774	0.6875848
## 269	5904	85865774	0.6875848
## 270	5904	85865774	0.6875848
## 271	5904	85865774	0.6875848
## 272	5904	85865774	0.6875848
## 273	5904	85865774	0.6875848
## 274	5904	85865774	0.6875848
## 275	5904	85865774	0.6875848
## 276	5904	85865774	0.6875848
## 277	5904	85865774	0.6875848
## 278	5904	85865774	0.6875848
## 279	5904	85865774	0.6875848
## 280	5904	85865774	0.6875848
## 281	5904	85865774	0.6875848
## 282	5904	85865774	0.6875848
## 283	5904	85865774	0.6875848
## 284	5904	85865774	0.6875848
## 285	5904	85865774	0.6875848
## 286	5904	85865774	0.6875848

## 287	5904	85865774	0.6875848
## 288	5904	85865774	0.6875848
## 289	5904	85865774	0.6875848
## 290	5904	85865774	0.6875848
## 291	5904	85865774	0.6875848
## 292	5904	85865774	0.6875848
## 293	5904	85865774	0.6875848
## 294	5904	85865774	0.6875848
## 295	5904	85865774	0.6875848
## 296	5904	85865774	0.6875848
## 297	5904	85865774	0.6875848
## 298	5904	85865774	0.6875848
## 299	5904	85865774	0.6875848
## 300	5904	85865774	0.6875848
## 301	5904	85865774	0.6875848
## 302	5904	85865774	0.6875848
## 303	5904	85865774	0.6875848
## 304	5904	85865774	0.6875848
## 305	5904	85865774	0.6875848
## 306	5904	85865774	0.6875848
## 307	5904	85865774	0.6875848
## 308	5904	85865774	0.6875848
## 309	5904	85865774	0.6875848
## 310	5904	85865774	0.6875848
## 311	5904	85865774	0.6875848
## 312	5904	85865774	0.6875848
## 313	5904	85865774	0.6875848
## 314	5904	85865774	0.6875848
## 315	5904	85865774	0.6875848
## 316	5904	85865774	0.6875848
## 317	5904	85865774	0.6875848
## 318	5904	85865774	0.6875848
## 319	5904	85865774	0.6875848
## 320	5904	85865774	0.6875848
## 321	5904	85865774	0.6875848
## 322	5904	85865774	0.6875848
## 323	5904	85865774	0.6875848
## 324	5904	85865774	0.6875848
## 325	5904	85865774	0.6875848
## 326	5904	85865774	0.6875848
## 327	5904	85865774	0.6875848
## 328	5904	85865774	0.6875848
## 329	5904	85865774	0.6875848
## 330	5904	85865774	0.6875848
## 331	5904	85865774	0.6875848
## 332	5904	85865774	0.6875848
## 333	5904	85865774	0.6875848
## 334	5904	85865774	0.6875848
## 335	5904	85865774	0.6875848
## 336	5904	85865774	0.6875848
## 337	5904	85865774	0.6875848
## 338	5904	85865774	0.6875848
## 339	5904	85865774	0.6875848
## 340	5904	85865774	0.6875848

## 341	5904	85865774	0.6875848
## 342	5904	85865774	0.6875848
## 343	5904	85865774	0.6875848
## 344	5904	85865774	0.6875848
## 345	5904	85865774	0.6875848
## 346	5904	85865774	0.6875848
## 347	5904	85865774	0.6875848
## 348	5904	85865774	0.6875848
## 349	5904	85865774	0.6875848
## 350	5904	85865774	0.6875848
## 351	5904	85865774	0.6875848
## 352	5904	85865774	0.6875848
## 353	5904	85865774	0.6875848
## 354	5904	85865774	0.6875848
## 355	5904	85865774	0.6875848
## 356	5904	85865774	0.6875848
## 357	5904	85865774	0.6875848
## 358	5904	85865774	0.6875848
## 359	5904	85865774	0.6875848
## 360	5904	85865774	0.6875848
## 361	5904	85865774	0.6875848
## 362	5904	85865774	0.6875848
## 363	5904	85865774	0.6875848
## 364	5904	85865774	0.6875848
## 365	5904	85865774	0.6875848
## 366	5904	85865774	0.6875848
## 367	5904	85865774	0.6875848
## 368	5904	85865774	0.6875848
## 369	5904	85865774	0.6875848
## 370	5904	85865774	0.6875848
## 371	5904	85865774	0.6875848
## 372	5904	85865774	0.6875848
## 373	5904	85865774	0.6875848
## 374	5904	85865774	0.6875848
## 375	5904	85865774	0.6875848
## 376	5904	85865774	0.6875848
## 377	5904	85865774	0.6875848
## 378	5904	85865774	0.6875848
## 379	5904	85865774	0.6875848
## 380	5904	85865774	0.6875848
## 381	5904	85865774	0.6875848
## 382	5904	85865774	0.6875848
## 383	5904	85865774	0.6875848
## 384	5904	85865774	0.6875848
## 385	5904	85865774	0.6875848
## 386	5904	85865774	0.6875848
## 387	5904	85865774	0.6875848
## 388	5904	85865774	0.6875848
## 389	5904	85865774	0.6875848
## 390	5904	85865774	0.6875848
## 391	5904	85865774	0.6875848
## 392	5904	85865774	0.6875848
## 393	5904	85865774	0.6875848
## 394	5904	85865774	0.6875848

## 395	5904	85865774	0.6875848
## 396	5904	85865774	0.6875848
## 397	5904	85865774	0.6875848
## 398	5904	85865774	0.6875848
## 399	5904	85865774	0.6875848
## 400	5904	85865774	0.6875848
## 401	5904	85865774	0.6875848
## 402	5904	85865774	0.6875848
## 403	5904	85865774	0.6875848
## 404	5904	85865774	0.6875848
## 405	5904	85865774	0.6875848
## 406	5904	85865774	0.6875848
## 407	5904	85865774	0.6875848
## 408	5904	85865774	0.6875848
## 409	5904	85865774	0.6875848
## 410	5904	85865774	0.6875848
## 411	5904	85865774	0.6875848
## 412	5904	85865774	0.6875848
## 413	5904	85865774	0.6875848
## 414	5904	85865774	0.6875848
## 415	5904	85865774	0.6875848
## 416	5904	85865774	0.6875848
## 417	5904	85865774	0.6875848
## 418	5904	85865774	0.6875848
## 419	5904	85865774	0.6875848
## 420	5904	85865774	0.6875848
## 421	5904	85865774	0.6875848
## 422	5904	85865774	0.6875848
## 423	5904	85865774	0.6875848
## 424	5904	85865774	0.6875848
## 425	5904	85865774	0.6875848
## 426	5904	85865774	0.6875848
## 427	5904	85865774	0.6875848
## 428	5904	85865774	0.6875848
## 429	5904	85865774	0.6875848
## 430	5904	85865774	0.6875848
## 431	5904	85865774	0.6875848
## 432	5904	85865774	0.6875848
## 433	5904	85865774	0.6875848
## 434	5904	85865774	0.6875848
## 435	5904	85865774	0.6875848
## 436	5904	85865774	0.6875848
## 437	5904	85865774	0.6875848
## 438	5904	85865774	0.6875848
## 439	5904	85865774	0.6875848
## 440	5904	85865774	0.6875848
## 441	5904	85865774	0.6875848
## 442	5904	85865774	0.6875848
## 443	5904	85865774	0.6875848
## 444	5904	85865774	0.6875848
## 445	5904	85865774	0.6875848
## 446	5904	85865774	0.6875848
## 447	5904	85865774	0.6875848
## 448	5904	85865774	0.6875848

## 449	5904	85865774	0.6875848
## 450	5904	85865774	0.6875848
## 451	5904	85865774	0.6875848
## 452	5904	85865774	0.6875848
## 453	5904	85865774	0.6875848
## 454	5904	85865774	0.6875848
## 455	5904	85865774	0.6875848
## 456	5904	85865774	0.6875848
## 457	5904	85865774	0.6875848
## 458	5904	85865774	0.6875848
## 459	5904	85865774	0.6875848
## 460	5904	85865774	0.6875848
## 461	5904	85865774	0.6875848
## 462	5904	85865774	0.6875848
## 463	5904	85865774	0.6875848
## 464	5904	85865774	0.6875848
## 465	5904	85865774	0.6875848
## 466	5904	85865774	0.6875848
## 467	5904	85865774	0.6875848
## 468	5904	85865774	0.6875848
## 469	5904	85865774	0.6875848
## 470	5904	85865774	0.6875848
## 471	5904	85865774	0.6875848
## 472	5904	85865774	0.6875848
## 473	5904	85865774	0.6875848
## 474	5904	85865774	0.6875848
## 475	5904	85865774	0.6875848
## 476	5904	85865774	0.6875848
## 477	5904	85865774	0.6875848
## 478	5904	85865774	0.6875848
## 479	5904	85865774	0.6875848
## 480	5904	85865774	0.6875848
## 481	5904	85865774	0.6875848
## 482	5904	85865774	0.6875848
## 483	5904	85865774	0.6875848
## 484	5904	85865774	0.6875848
## 485	5904	85865774	0.6875848
## 486	5904	85865774	0.6875848
## 487	5904	85865774	0.6875848
## 488	5904	85865774	0.6875848
## 489	5904	85865774	0.6875848
## 490	5904	85865774	0.6875848
## 491	5904	85865774	0.6875848
## 492	5904	85865774	0.6875848
## 493	5904	85865774	0.6875848
## 494	5904	85865774	0.6875848
## 495	5904	85865774	0.6875848
## 496	5904	85865774	0.6875848
## 497	5904	85865774	0.6875848
## 498	5904	85865774	0.6875848
## 499	5904	85865774	0.6875848
## 500	5904	85865774	0.6875848
## 501	5904	85865774	0.6875848
## 502	5904	85865774	0.6875848

## 503	5904	85865774	0.6875848
## 504	5904	85865774	0.6875848
## 505	5904	85865774	0.6875848
## 506	5904	85865774	0.6875848
## 507	5904	85865774	0.6875848
## 508	5904	85865774	0.6875848
## 509	5904	85865774	0.6875848
## 510	5904	85865774	0.6875848
## 511	5904	85865774	0.6875848
## 512	5904	85865774	0.6875848
## 513	5904	85865774	0.6875848
## 514	5904	85865774	0.6875848
## 515	5904	85865774	0.6875848
## 516	5904	85865774	0.6875848
## 517	5904	85865774	0.6875848
## 518	5904	85865774	0.6875848
## 519	5904	85865774	0.6875848
## 520	5904	85865774	0.6875848
## 521	5904	85865774	0.6875848
## 522	5904	85865774	0.6875848
## 523	5904	85865774	0.6875848
## 524	5904	85865774	0.6875848
## 525	5904	85865774	0.6875848
## 526	5904	85865774	0.6875848
## 527	5904	85865774	0.6875848
## 528	5904	85865774	0.6875848
## 529	5904	85865774	0.6875848
## 530	5904	85865774	0.6875848
## 531	5904	85865774	0.6875848
## 532	5904	85865774	0.6875848
## 533	5904	85865774	0.6875848
## 534	5904	85865774	0.6875848
## 535	5904	85865774	0.6875848
## 536	5904	85865774	0.6875848
## 537	5904	85865774	0.6875848
## 538	5904	85865774	0.6875848
## 539	5904	85865774	0.6875848
## 540	5904	85865774	0.6875848
## 541	5904	85865774	0.6875848
## 542	5904	85865774	0.6875848
## 543	5904	85865774	0.6875848
## 544	5904	85865774	0.6875848
## 545	5904	85865774	0.6875848
## 546	5904	85865774	0.6875848
## 547	5904	85865774	0.6875848
## 548	5904	85865774	0.6875848
## 549	5904	85865774	0.6875848
## 550	5904	85865774	0.6875848
## 551	5904	85865774	0.6875848
## 552	5904	85865774	0.6875848
## 553	5904	85865774	0.6875848
## 554	5904	85865774	0.6875848
## 555	5904	85865774	0.6875848
## 556	5904	85865774	0.6875848

## 557	5904	85865774	0.6875848
## 558	5904	85865774	0.6875848
## 559	5904	85865774	0.6875848
## 560	5904	85865774	0.6875848
## 561	5904	85865774	0.6875848
## 562	5904	85865774	0.6875848
## 563	5904	85865774	0.6875848
## 564	5904	85865774	0.6875848
## 565	5904	85865774	0.6875848
## 566	5904	85865774	0.6875848
## 567	5904	85865774	0.6875848
## 568	5904	85865774	0.6875848
## 569	5904	85865774	0.6875848
## 570	5904	85865774	0.6875848
## 571	5904	85865774	0.6875848
## 572	5904	85865774	0.6875848
## 573	5904	85865774	0.6875848
## 574	5904	85865774	0.6875848
## 575	5904	85865774	0.6875848
## 576	5904	85865774	0.6875848
## 577	5904	85865774	0.6875848
## 578	5904	85865774	0.6875848
## 579	5904	85865774	0.6875848
## 580	5904	85865774	0.6875848
## 581	5904	85865774	0.6875848
## 582	5904	85865774	0.6875848
## 583	5904	85865774	0.6875848
## 584	5904	85865774	0.6875848
## 585	5904	85865774	0.6875848
## 586	5904	85865774	0.6875848
## 587	5904	85865774	0.6875848
## 588	5904	85865774	0.6875848
## 589	5904	85865774	0.6875848
## 590	5904	85865774	0.6875848
## 591	5904	85865774	0.6875848
## 592	5904	85865774	0.6875848
## 593	5904	85865774	0.6875848
## 594	5904	85865774	0.6875848
## 595	5904	85865774	0.6875848
## 596	5904	85865774	0.6875848
## 597	5904	85865774	0.6875848
## 598	5904	85865774	0.6875848
## 599	5904	85865774	0.6875848
## 600	5904	85865774	0.6875848
## 601	5904	85865774	0.6875848
## 602	5904	85865774	0.6875848
## 603	5904	85865774	0.6875848
## 604	5904	85865774	0.6875848
## 605	5904	85865774	0.6875848
## 606	5904	85865774	0.6875848
## 607	5904	85865774	0.6875848
## 608	5904	85865774	0.6875848
## 609	5904	85865774	0.6875848
## 610	5904	85865774	0.6875848

## 611	5904	85865774	0.6875848
## 612	5904	85865774	0.6875848
## 613	5904	85865774	0.6875848
## 614	5904	85865774	0.6875848
## 615	5904	85865774	0.6875848
## 616	5904	85865774	0.6875848
## 617	5904	85865774	0.6875848
## 618	5904	85865774	0.6875848
## 619	5904	85865774	0.6875848
## 620	5904	85865774	0.6875848
## 621	5904	85865774	0.6875848
## 622	5904	85865774	0.6875848
## 623	5904	85865774	0.6875848
## 624	5904	85865774	0.6875848
## 625	5904	85865774	0.6875848
## 626	5904	85865774	0.6875848
## 627	5904	85865774	0.6875848
## 628	5904	85865774	0.6875848
## 629	5904	85865774	0.6875848
## 630	5904	85865774	0.6875848
## 631	5904	85865774	0.6875848
## 632	5904	85865774	0.6875848
## 633	5904	85865774	0.6875848
## 634	5904	85865774	0.6875848
## 635	5904	85865774	0.6875848
## 636	5904	85865774	0.6875848
## 637	5904	85865774	0.6875848
## 638	5904	85865774	0.6875848
## 639	5904	85865774	0.6875848
## 640	5904	85865774	0.6875848
## 641	5904	85865774	0.6875848
## 642	5904	85865774	0.6875848
## 643	5904	85865774	0.6875848
## 644	5904	85865774	0.6875848
## 645	5904	85865774	0.6875848
## 646	5904	85865774	0.6875848
## 647	5904	85865774	0.6875848
## 648	5904	85865774	0.6875848
## 649	5904	85865774	0.6875848
## 650	5904	85865774	0.6875848
## 651	5904	85865774	0.6875848
## 652	5904	85865774	0.6875848
## 653	5904	85865774	0.6875848
## 654	5904	85865774	0.6875848
## 655	5904	85865774	0.6875848
## 656	5904	85865774	0.6875848
## 657	5904	85865774	0.6875848
## 658	5904	85865774	0.6875848
## 659	5904	85865774	0.6875848
## 660	5904	85865774	0.6875848
## 661	5904	85865774	0.6875848
## 662	5904	85865774	0.6875848
## 663	5904	85865774	0.6875848
## 664	5904	85865774	0.6875848

## 665	5904	85865774	0.6875848
## 666	5904	85865774	0.6875848
## 667	5904	85865774	0.6875848
## 668	5904	85865774	0.6875848
## 669	5904	85865774	0.6875848
## 670	5904	85865774	0.6875848
## 671	5904	85865774	0.6875848
## 672	5904	85865774	0.6875848
## 673	5904	85865774	0.6875848
## 674	5904	85865774	0.6875848
## 675	5904	85865774	0.6875848
## 676	5904	85865774	0.6875848
## 677	5904	85865774	0.6875848
## 678	5904	85865774	0.6875848
## 679	5904	85865774	0.6875848
## 680	5904	85865774	0.6875848
## 681	5904	85865774	0.6875848
## 682	5904	85865774	0.6875848
## 683	5904	85865774	0.6875848
## 684	5904	85865774	0.6875848
## 685	5904	85865774	0.6875848
## 686	5904	85865774	0.6875848
## 687	5904	85865774	0.6875848
## 688	5904	85865774	0.6875848
## 689	5904	85865774	0.6875848
## 690	5904	85865774	0.6875848
## 691	5904	85865774	0.6875848
## 692	5904	85865774	0.6875848
## 693	5904	85865774	0.6875848
## 694	5904	85865774	0.6875848
## 695	5904	85865774	0.6875848
## 696	5904	85865774	0.6875848
## 697	5904	85865774	0.6875848
## 698	5904	85865774	0.6875848
## 699	5904	85865774	0.6875848
## 700	5904	85865774	0.6875848
## 701	5904	85865774	0.6875848
## 702	5904	85865774	0.6875848
## 703	5904	85865774	0.6875848
## 704	5904	85865774	0.6875848
## 705	5904	85865774	0.6875848
## 706	5904	85865774	0.6875848
## 707	5904	85865774	0.6875848
## 708	5904	85865774	0.6875848
## 709	5904	85865774	0.6875848
## 710	5904	85865774	0.6875848
## 711	5904	85865774	0.6875848
## 712	5904	85865774	0.6875848
## 713	5904	85865774	0.6875848
## 714	5904	85865774	0.6875848
## 715	5904	85865774	0.6875848
## 716	5904	85865774	0.6875848
## 717	5904	85865774	0.6875848
## 718	5904	85865774	0.6875848

## 719	5904	85865774	0.6875848
## 720	5904	85865774	0.6875848
## 721	5904	85865774	0.6875848
## 722	5904	85865774	0.6875848
## 723	5904	85865774	0.6875848
## 724	5904	85865774	0.6875848
## 725	5904	85865774	0.6875848
## 726	5904	85865774	0.6875848
## 727	5904	85865774	0.6875848
## 728	5904	85865774	0.6875848
## 729	5904	85865774	0.6875848
## 730	5904	85865774	0.6875848
## 731	5904	85865774	0.6875848
## 732	5904	85865774	0.6875848
## 733	5904	85865774	0.6875848
## 734	5904	85865774	0.6875848
## 735	5904	85865774	0.6875848
## 736	5904	85865774	0.6875848
## 737	5904	85865774	0.6875848
## 738	5904	85865774	0.6875848
## 739	5904	85865774	0.6875848
## 740	5904	85865774	0.6875848
## 741	5904	85865774	0.6875848
## 742	5904	85865774	0.6875848
## 743	5904	85865774	0.6875848
## 744	5904	85865774	0.6875848
## 745	5904	85865774	0.6875848
## 746	5904	85865774	0.6875848
## 747	5904	85865774	0.6875848
## 748	5904	85865774	0.6875848
## 749	5904	85865774	0.6875848
## 750	5904	85865774	0.6875848
## 751	5904	85865774	0.6875848
## 752	5904	85865774	0.6875848
## 753	5904	85865774	0.6875848
## 754	5904	85865774	0.6875848
## 755	5904	85865774	0.6875848
## 756	5904	85865774	0.6875848
## 757	5904	85865774	0.6875848
## 758	5904	85865774	0.6875848
## 759	5904	85865774	0.6875848
## 760	5904	85865774	0.6875848
## 761	5904	85865774	0.6875848
## 762	5904	85865774	0.6875848
## 763	5904	85865774	0.6875848
## 764	5904	85865774	0.6875848
## 765	5904	85865774	0.6875848
## 766	5904	85865774	0.6875848
## 767	5904	85865774	0.6875848
## 768	5904	85865774	0.6875848
## 769	5904	85865774	0.6875848
## 770	5904	85865774	0.6875848
## 771	5904	85865774	0.6875848
## 772	5904	85865774	0.6875848

```
## 773      5904      85865774      0.6875848
## 774      5904      85865774      0.6875848
## 775      5904      85865774      0.6875848
## 776      5904      85865774      0.6875848
## 777      5904      85865774      0.6875848
## 778      5904      85865774      0.6875848
## 779      5904      85865774      0.6875848
## 780      5904      85865774      0.6875848
## 781      5904      85865774      0.6875848
## 782      5904      85865774      0.6875848
## 783      5904      85865774      0.6875848
## 784      5904      85865774      0.6875848
## 785      5904      85865774      0.6875848
## 786      5904      85865774      0.6875848
## 787      5904      85865774      0.6875848
## 788      5904      85865774      0.6875848
## 789      5904      85865774      0.6875848
## 790      5904      85865774      0.6875848
## 791      5904      85865774      0.6875848
## 792      5904      85865774      0.6875848
## 793      5904      85865774      0.6875848
## 794      5904      85865774      0.6875848
## 795      5904      85865774      0.6875848
## 796      5904      85865774      0.6875848
## 797      5904      85865774      0.6875848
## 798      5904      85865774      0.6875848
## 799      5904      85865774      0.6875848
## 800      5904      85865774      0.6875848
## 801      5904      85865774      0.6875848
## 802      5904      85865774      0.6875848
## 803      5904      85865774      0.6875848
## 804      5904      85865774      0.6875848
## 805      5904      85865774      0.6875848
```

```
summary(lm(mh_treatment~h_score+suicide_rate, data=regression_data))
```

```
##
## Call:
## lm(formula = mh_treatment ~ h_score + suicide_rate, data = regression_data)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.6819 -0.6737  0.3263  0.3263  0.5530
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    3.0534     1.3117   2.328  0.0202 *
## h_score        -0.3691     0.1954  -1.889  0.0592 .
## suicide_rate    0.3609     0.1596   2.262  0.0240 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4732 on 802 degrees of freedom
## Multiple R-squared:  0.006449,    Adjusted R-squared:  0.003971
```



```
## F-statistic: 2.603 on 2 and 802 DF, p-value: 0.07469
```

```
#country level regression
newdata2<-maindata%>%
  mutate(mh_treatment=ifelse(mh_treatment=="Yes", 1, 0))%>%
  group_by(country)%>%
  summarise(treatment=mean(mh_treatment))
head(newdata2)
```

```
## # A tibble: 6 x 2
##   country treatment
##   <chr>      <dbl>
## 1 Australia    0.619
## 2 Canada       0.627
## 3 France       0.5
## 4 Germany      0.636
## 5 India        0.6
## 6 Ireland     0.565
```

```
country_regression_data <- merge(x=newdata2, y=happiness, by="country")
```

```
country_regression_data <- merge(x=country_regression_data, y=suicide, by="country")
```

```
head(country_regression_data)
```

```
##      country treatment h_score gdp_capita life_exp freedom suicides_no
## 1   Australia 0.6190476   7.284   1.33358  0.93156 0.65124         405
## 2    Germany 0.6363636   6.750   1.32792  0.89186 0.61477         531
## 3 Netherlands 0.4210526   7.378   1.32944  0.89284 0.61576         130
## 4 United Kingdom 0.6449275   6.867   1.26637  0.90943 0.59625         488
## 5 United States 0.6734007   7.119   1.39451  0.86179 0.54604        5904
##      population suicide_rate
## 1    6070956    0.6671107
## 2   15949437    0.3329271
## 3    4008181    0.3243367
## 4   15622253    0.3123749
## 5    85865774    0.6875848
```

```
summary(lm(treatment~h_score+suicide_rate, data=country_regression_data))
```

```
##
## Call:
## lm(formula = treatment ~ h_score + suicide_rate, data = country_regression_data)
##
## Residuals:
##      1      2      3      4      5
## 0.008237 -0.026134 -0.009724  0.033667 -0.006046
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   2.97213    0.44441   6.688  0.0216 *
```

```
## h_score      -0.36316    0.06489  -5.597    0.0305 *
## suicide_rate 0.42564    0.08935   4.763    0.0414 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.03174 on 2 degrees of freedom
## Multiple R-squared:  0.951, Adjusted R-squared:  0.9019
## F-statistic: 19.4 on 2 and 2 DF, p-value: 0.04903
```

Move further to choose some useful variables for individual level regression.

```
#import happiness and suicide data
bigger<-read_csv("suicide_happiness_2015.csv")
```

```
#remove first column since it's just the numbers of row
bigger<-bigger[,2:11]
```

```
head(bigger)
```

```
## # A tibble: 6 x 10
##   country  year suicides_no population percentage h_rank h_score gdp_capita
##   <chr>   <dbl>      <dbl>      <dbl>      <dbl> <dbl>   <dbl>      <dbl>
## 1 Argent~ 2015         867   14116155  0.00614      30    6.57      1.05
## 2 Armenia 2015          5    805354   0.000621    127    4.35      0.768
## 3 Austra~ 2015        405   6070956  0.00667     10    7.28      1.33
## 4 Austria 2015         82   1832927  0.00447     13    7.2      1.34
## 5 Belgium 2015        118   2595197  0.00455     19    6.94      1.31
## 6 Brazil  2015       1921  66103882  0.00291     16    6.98      0.981
## # ... with 2 more variables: life_exp <dbl>, freedom <dbl>
```

Regression: Suicide Rate ~ Happiness Score Data

```
mod1 = lm(suicides_no ~ population + h_score + gdp_capita + life_exp + freedom, data = bigger)
summary(mod1)
```

```
##
## Call:
## lm(formula = suicides_no ~ population + h_score + gdp_capita +
##     life_exp + freedom, data = bigger)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1379.52   -95.71    16.60   141.53  1667.40
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -8.515e+02  4.376e+02  -1.946   0.0575 .
## population   4.996e-05  3.785e-06  13.199 <2e-16 ***
## h_score     -1.066e+02  1.238e+02  -0.861   0.3933
## gdp_capita  -2.146e+01  3.491e+02  -0.061   0.9512
## life_exp     1.278e+03  6.566e+02   1.946   0.0576 .
## freedom      8.899e+02  6.234e+02   1.427   0.1599
```

```
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 416.5 on 48 degrees of freedom
## Multiple R-squared:  0.7994, Adjusted R-squared:  0.7785
## F-statistic: 38.26 on 5 and 48 DF,  p-value: 1.248e-15

# Included population as an explanatory variable. ** Life exp is significant. **
```

```
mod2 = lm(percentage ~ h_score + gdp_capita + life_exp + freedom, data = bigger)
summary(mod2)
```

```
##
## Call:
## lm(formula = percentage ~ h_score + gdp_capita + life_exp + freedom,
##     data = bigger)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -0.0032765 -0.0017240 -0.0002532  0.0013903  0.0090480
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.0023407   0.0026816   0.873   0.387
## h_score      0.0001352   0.0007128   0.190   0.850
## gdp_capita  -0.0006815   0.0021387  -0.319   0.751
## life_exp     0.0008732   0.0038856   0.225   0.823
## freedom      0.0027849   0.0036783   0.757   0.453
##
## Residual standard error: 0.002552 on 49 degrees of freedom
## Multiple R-squared:  0.04201,    Adjusted R-squared:  -0.03619
## F-statistic: 0.5373 on 4 and 49 DF,  p-value: 0.709
```

```
# Included suicide rate as the y. nothing stat. significant.
# GDP per capita has a negative relationship which needs explanation. **
# Freedom as well. need explanations.
## Guess: not actual life exp or degree of freedom but rather a "factor" number.
```

```
mod2_proof = lm(h_score ~ gdp_capita + life_exp + freedom, data = bigger)
summary(mod2_proof)
```

```
##
## Call:
## lm(formula = h_score ~ gdp_capita + life_exp + freedom, data = bigger)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.1757 -0.3292  0.0471  0.3067  1.0602
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    2.0496     0.4461   4.594 2.97e-05 ***
```

```
## gdp_capita    0.8208    0.4081    2.011    0.0497 *
## life_exp      1.8097    0.7272    2.489    0.0162 *
## freedom       3.6828    0.5112    7.205 2.87e-09 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.5064 on 50 degrees of freedom
## Multiple R-squared:  0.7339, Adjusted R-squared:  0.7179
## F-statistic: 45.97 on 3 and 50 DF,  p-value: 2.086e-14

# all significant.
```

Shouldn't include other factors from these two datasets except for SUICIDE RATE & HAPPINESS SCORE.

Regression: Mental Health Variables + S + H

```
as.data.frame(maindata)
```

	age	gender	country	self_employed	family_history	mh_treatment
## 18	46	M	United States	Yes	Yes	No
## 20	29	M	United States	No	Yes	Yes
## 21	31	M	United States	Yes	No	No
## 22	46	M	United States	No	No	Yes
## 23	41	M	United States	No	No	Yes
## 24	33	M	United States	No	Yes	Yes
## 25	35	M	United States	No	Yes	Yes
## 27	35	F	United States	No	Yes	Yes
## 28	34	M	United States	No	No	Yes
## 29	37	M	United Kingdom	No	No	No
## 30	32	M	United Kingdom	No	No	No
## 31	31	M	United States	Yes	Yes	No
## 32	30	M	United Kingdom	No	Yes	Yes
## 33	42	M	United States	No	Yes	Yes
## 34	40	F	United States	No	No	Yes
## 35	27	M	United States	No	No	Yes
## 36	29	M	Canada	No	No	No
## 38	35	M	United States	No	No	Yes
## 39	24	M	United Kingdom	No	No	Yes
## 41	27	M	Canada	No	Yes	Yes
## 42	18	M	Netherlands	No	No	No
## 43	30	M	United States	No	No	Yes
## 44	38	F	United States	No	Yes	Yes
## 47	26	M	Canada	Yes	No	No
## 48	30	M	United States	No	Yes	Yes
## 49	22	M	United States	No	Yes	Yes
## 52	32	M	United States	No	No	No
## 53	27	M	United States	No	Yes	Yes
## 55	24	M	United States	No	Yes	Yes
## 57	33	M	Canada	No	Yes	Yes
## 58	44	M	United States	No	Yes	Yes
## 59	27	M	United Kingdom	No	No	No
## 61	35	M	Canada	No	No	No
## 62	40	M	United States	No	Yes	No
## 63	23	F	Australia	No	Yes	Yes

## 64	36	M	United States	No	No	No
## 66	34	M	United States	Yes	No	No
## 67	28	M	France	No	No	No
## 68	34	M	Canada	No	No	No
## 69	23	T	United States	No	No	No
## 71	33	M	United States	No	No	No
## 74	31	M	United States	Yes	Yes	No
## 75	32	M	United States	No	Yes	Yes
## 76	28	M	Germany	No	No	No
## 77	38	M	United States	No	Yes	No
## 78	23	M	United Kingdom	No	No	No
## 79	30	M	Canada	No	No	No
## 80	27	F	United States	Yes	No	Yes
## 81	33	M	United States	No	Yes	No
## 83	39	M	United Kingdom	Yes	No	Yes
## 84	34	F	United States	No	Yes	Yes
## 85	29	F	United States	No	No	Yes
## 87	31	M	United States	No	No	No
## 88	40	M	United States	No	No	Yes
## 90	25	F	Canada	No	No	Yes
## 91	29	M	United States	No	No	No
## 92	24	M	United States	No	Yes	No
## 93	33	M	United States	No	No	Yes
## 94	30	M	United States	No	No	Yes
## 95	26	F	Canada	No	Yes	Yes
## 96	44	F	United States	No	No	No
## 98	33	M	United States	No	Yes	Yes
## 99	29	M	United States	No	No	No
## 100	35	M	United States	No	Yes	No
## 101	35	M	United States	No	Yes	Yes
## 102	34	M	United States	No	Yes	No
## 103	32	M	United States	No	No	Yes
## 104	22	M	United States	No	No	Yes
## 105	28	M	United States	No	No	Yes
## 106	45	M	United States	No	Yes	Yes
## 107	32	M	United States	No	No	No
## 109	26	M	United Kingdom	No	No	No
## 110	21	M	United Kingdom	Yes	No	No
## 111	27	M	Canada	No	No	No
## 112	18	M	United States	No	No	Yes
## 114	29	M	United States	No	No	No
## 116	33	M	United States	No	Yes	Yes
## 117	36	M	United States	No	No	No
## 118	27	M	Canada	No	No	Yes
## 119	27	M	United States	No	Yes	No
## 121	32	M	United States	No	No	Yes
## 122	31	M	United Kingdom	No	Yes	No
## 123	33	M	United States	No	Yes	Yes
## 124	32	M	United States	No	No	No
## 125	27	M	United States	No	No	No
## 126	24	M	Canada	No	No	Yes
## 127	39	M	United Kingdom	No	No	No
## 128	28	M	United Kingdom	No	No	No
## 129	39	M	United States	No	No	Yes

## 131	38	M	United States	No	Yes	Yes
## 132	37	M	United Kingdom	Yes	No	Yes
## 133	35	M	United States	No	No	No
## 136	37	M	United States	No	Yes	Yes
## 137	24	M	United Kingdom	No	No	No
## 138	23	M	United States	No	No	No
## 139	30	M	Ireland	No	No	Yes
## 142	32	M	United States	No	Yes	No
## 143	36	M	United States	No	No	No
## 144	37	M	United Kingdom	No	Yes	Yes
## 145	25	M	United States	No	Yes	Yes
## 146	27	M	United States	No	Yes	Yes
## 147	26	M	United States	No	No	No
## 148	27	M	United States	No	No	Yes
## 149	25	M	United States	No	Yes	Yes
## 150	36	M	United Kingdom	No	No	Yes
## 151	25	F	United States	No	Yes	Yes
## 152	31	M	United States	No	No	No
## 153	26	M	United States	No	Yes	No
## 154	33	F	United States	Yes	Yes	Yes
## 156	34	M	United States	No	No	No
## 158	23	M	Ireland	Yes	Yes	No
## 159	24	M	United Kingdom	No	No	No
## 160	26	M	United Kingdom	No	No	Yes
## 161	31	M	United Kingdom	Yes	No	Yes
## 162	22	M	India	No	No	Yes
## 164	34	F	Canada	No	Yes	Yes
## 165	31	M	United States	No	No	No
## 167	32	F	United States	No	No	Yes
## 168	45	F	United States	No	No	Yes
## 170	26	F	India	Yes	No	No
## 171	28	F	United Kingdom	No	No	No
## 172	45	M	United States	No	No	Yes
## 173	43	M	United States	No	Yes	Yes
## 175	24	M	United Kingdom	No	No	No
## 178	35	F	United States	No	Yes	Yes
## 179	28	M	United States	No	Yes	Yes
## 180	35	M	United States	No	No	Yes
## 181	32	F	Germany	No	No	No
## 182	35	F	United States	No	No	No
## 183	26	M	United States	No	No	No
## 185	28	M	United Kingdom	No	Yes	Yes
## 186	27	F	United States	No	Yes	Yes
## 187	34	F	United States	No	No	Yes
## 188	41	M	United States	No	No	Yes
## 189	37	M	Ireland	No	No	No
## 190	32	M	United Kingdom	No	Yes	Yes
## 191	21	M	Canada	No	No	Yes
## 192	30	M	United States	No	No	Yes
## 193	24	M	United States	No	No	No
## 195	37	M	United Kingdom	No	Yes	No
## 196	26	M	United Kingdom	Yes	No	Yes
## 197	32	F	United States	No	Yes	Yes
## 198	32	F	United States	No	No	Yes

## 199	27	F	United States	Yes	Yes	Yes
## 200	30	M	Germany	Yes	No	Yes
## 202	29	F	United States	No	No	Yes
## 206	28	M	United States	No	No	No
## 207	28	M	United States	No	No	Yes
## 208	23	M	United States	No	No	No
## 210	32	M	United States	No	No	No
## 211	34	M	Australia	Yes	No	No
## 212	24	M	United States	No	No	No
## 213	26	M	United Kingdom	Yes	No	Yes
## 214	36	M	United States	No	No	Yes
## 215	41	M	United States	No	No	Yes
## 216	38	M	United Kingdom	No	No	Yes
## 217	38	M	United States	No	No	No
## 219	25	M	United Kingdom	No	No	No
## 220	37	M	Canada	No	Yes	Yes
## 222	37	F	United States	No	Yes	Yes
## 223	28	F	Canada	No	Yes	Yes
## 224	34	M	United States	No	Yes	Yes
## 225	33	M	United States	No	Yes	Yes
## 226	27	M	United States	No	No	No
## 227	40	M	United States	No	No	Yes
## 228	21	M	United States	No	No	Yes
## 230	32	M	United States	No	Yes	Yes
## 231	29	F	United States	No	Yes	Yes
## 232	23	M	United States	No	Yes	Yes
## 234	31	M	United States	No	Yes	Yes
## 236	24	M	United States	No	No	No
## 237	29	M	Canada	No	No	No
## 238	23	F	United Kingdom	No	No	Yes
## 239	42	M	United States	No	No	No
## 241	25	M	Australia	No	Yes	Yes
## 242	27	F	United States	No	No	Yes
## 243	27	M	Canada	No	No	No
## 244	30	M	United States	No	No	Yes
## 247	41	M	United States	No	No	Yes
## 248	32	M	United Kingdom	Yes	Yes	Yes
## 249	37	F	United States	No	Yes	Yes
## 250	32	M	United States	No	No	No
## 251	30	M	Ireland	Yes	No	No
## 252	23	F	United States	No	Yes	Yes
## 254	34	M	United Kingdom	No	No	No
## 255	38	M	United States	No	No	Yes
## 258	28	M	United States	No	No	Yes
## 259	23	M	United States	No	Yes	No
## 260	22	M	Australia	Yes	Yes	Yes
## 261	18	M	United States	No	No	Yes
## 262	35	M	United States	No	Yes	Yes
## 264	27	M	United Kingdom	No	Yes	Yes
## 265	26	F	United States	No	Yes	Yes
## 266	18	M	United States	No	No	No
## 267	38	F	United States	No	No	Yes
## 268	26	F	United States	No	Yes	Yes
## 269	35	M	United States	No	No	No

## 270	45	M	United States	No	Yes	Yes
## 271	32	M	United States	No	No	No
## 272	56	M	United States	No	No	Yes
## 274	30	F	United States	No	Yes	Yes
## 276	33	M	United States	No	Yes	Yes
## 277	37	M	United States	No	No	No
## 278	23	F	United States	No	No	Yes
## 279	31	F	United States	No	No	Yes
## 280	26	M	United States	No	No	No
## 281	28	F	United States	No	Yes	Yes
## 282	37	F	United States	No	No	Yes
## 283	26	M	Canada	No	Yes	Yes
## 284	30	T	United States	No	Yes	Yes
## 287	27	M	United States	No	No	No
## 288	25	M	Canada	No	No	Yes
## 289	35	M	United States	No	No	Yes
## 290	36	M	United States	Yes	No	Yes
## 291	26	M	United States	No	Yes	Yes
## 295	25	M	United States	No	No	No
## 296	22	F	United States	No	Yes	Yes
## 297	41	M	United States	No	Yes	Yes
## 298	29	M	United States	No	No	Yes
## 299	32	M	United States	No	No	No
## 300	24	F	United States	No	Yes	Yes
## 301	25	M	United States	No	No	Yes
## 303	30	F	United States	No	No	No
## 304	25	M	United States	No	Yes	Yes
## 305	30	M	United States	Yes	No	No
## 306	33	M	Germany	Yes	Yes	Yes
## 308	25	M	Canada	No	Yes	Yes
## 310	45	M	Ireland	Yes	No	Yes
## 311	46	M	United States	No	No	No
## 312	30	M	United Kingdom	No	No	Yes
## 313	29	F	United States	Yes	No	No
## 317	33	F	United States	No	Yes	No
## 318	27	M	United States	No	No	No
## 320	33	M	United Kingdom	No	No	No
## 321	25	F	United States	No	Yes	Yes
## 322	23	M	United States	No	Yes	Yes
## 323	54	M	United States	No	Yes	Yes
## 324	22	M	United States	No	No	No
## 325	25	T	United States	No	Yes	Yes
## 326	27	M	United States	No	No	Yes
## 327	30	M	United Kingdom	No	No	No
## 328	26	M	United States	No	Yes	Yes
## 329	31	M	United States	No	No	Yes
## 330	33	M	United States	No	Yes	Yes
## 331	34	M	United States	No	Yes	Yes
## 332	34	M	United States	No	No	Yes
## 335	34	M	Germany	Yes	Yes	Yes
## 336	26	M	United States	Yes	Yes	Yes
## 337	32	M	United States	No	Yes	Yes
## 339	28	M	United States	No	Yes	Yes
## 341	36	M	United States	No	Yes	Yes

## 342	21	M	United States	No	Yes	Yes
## 343	21	M	United Kingdom	No	No	Yes
## 345	41	M	United States	No	Yes	Yes
## 346	55	M	United States	No	Yes	Yes
## 347	32	F	United States	No	No	Yes
## 348	21	F	United States	No	Yes	Yes
## 349	45	M	United States	No	No	Yes
## 350	27	F	United States	No	No	Yes
## 351	25	F	United States	No	Yes	Yes
## 352	34	F	United States	No	Yes	Yes
## 353	26	F	United States	No	Yes	Yes
## 354	41	M	Canada	No	No	Yes
## 355	27	M	United States	No	No	Yes
## 356	31	M	United States	No	Yes	Yes
## 357	25	M	Germany	No	Yes	Yes
## 358	26	M	United States	No	No	Yes
## 359	27	F	United States	No	Yes	Yes
## 360	29	T	United States	Yes	Yes	Yes
## 361	25	F	United States	No	No	Yes
## 362	40	F	United States	No	Yes	Yes
## 363	31	M	United States	No	No	No
## 364	26	M	Canada	No	Yes	Yes
## 366	29	M	United States	No	No	No
## 368	35	M	United Kingdom	No	No	No
## 369	32	F	United States	No	No	No
## 370	29	M	Canada	No	No	Yes
## 371	26	M	United States	No	Yes	Yes
## 372	28	M	United States	No	Yes	Yes
## 374	35	M	United States	No	Yes	Yes
## 375	29	M	Germany	No	Yes	Yes
## 377	33	M	United States	No	Yes	Yes
## 379	33	M	United States	No	Yes	Yes
## 380	31	F	United States	No	Yes	Yes
## 381	21	M	United States	No	Yes	No
## 382	31	T	United Kingdom	No	Yes	Yes
## 383	26	F	United States	No	No	Yes
## 384	30	M	United States	No	Yes	No
## 385	30	T	Germany	No	Yes	Yes
## 387	55	M	United States	No	Yes	Yes
## 388	28	M	Germany	No	Yes	Yes
## 389	32	M	United Kingdom	No	Yes	Yes
## 390	28	F	United States	No	No	Yes
## 391	21	M	United States	No	No	No
## 392	24	M	United States	No	Yes	Yes
## 396	28	M	Canada	Yes	No	No
## 397	24	F	United States	No	Yes	Yes
## 398	33	M	United States	Yes	No	Yes
## 399	34	M	United States	No	No	No
## 400	27	F	United States	No	No	Yes
## 401	28	M	United States	No	No	No
## 404	23	F	United States	No	No	Yes
## 405	29	M	United States	No	Yes	Yes
## 406	26	M	United Kingdom	No	Yes	No
## 407	36	M	United States	No	No	No

## 408	41	M	United States	No	No	Yes
## 410	23	M	Canada	No	Yes	Yes
## 411	39	M	United States	No	Yes	No
## 413	26	F	United States	No	No	Yes
## 414	24	M	United States	No	No	Yes
## 415	37	M	Canada	No	Yes	Yes
## 416	43	M	United States	Yes	Yes	Yes
## 417	40	T	United States	No	Yes	No
## 418	30	M	United States	No	Yes	Yes
## 419	34	M	United States	No	No	Yes
## 420	27	M	United States	No	Yes	Yes
## 421	36	M	United States	No	No	No
## 422	35	M	Netherlands	No	Yes	No
## 423	32	M	United Kingdom	No	No	No
## 426	33	F	United States	No	No	No
## 427	28	M	United States	No	No	No
## 428	26	F	United States	No	Yes	No
## 429	27	M	United States	No	Yes	Yes
## 430	38	M	United Kingdom	Yes	No	Yes
## 431	57	M	United States	No	Yes	Yes
## 432	28	M	United Kingdom	No	No	Yes
## 433	26	M	France	No	No	No
## 434	42	F	Netherlands	No	No	Yes
## 435	31	M	United States	No	No	Yes
## 436	58	M	United States	No	No	Yes
## 437	29	M	United States	No	No	No
## 438	39	F	United Kingdom	No	No	Yes
## 439	34	M	United States	No	No	No
## 440	57	M	United States	No	No	Yes
## 441	27	M	Germany	No	Yes	Yes
## 442	23	M	Germany	Yes	Yes	Yes
## 444	23	M	United States	No	No	No
## 445	43	M	United States	No	No	Yes
## 446	18	F	United Kingdom	No	Yes	Yes
## 447	29	M	United States	No	No	Yes
## 448	48	M	United States	No	No	No
## 449	43	M	Germany	No	No	Yes
## 450	28	F	United States	No	Yes	Yes
## 451	30	M	United States	Yes	Yes	Yes
## 453	30	M	United States	No	No	No
## 454	24	F	United States	Yes	Yes	Yes
## 456	23	F	United States	No	Yes	Yes
## 457	36	M	United States	No	No	Yes
## 458	25	F	United States	Yes	Yes	Yes
## 459	54	M	United Kingdom	No	No	Yes
## 460	34	M	Netherlands	No	No	No
## 464	25	M	Germany	No	No	No
## 465	35	F	United States	No	No	Yes
## 466	46	M	United States	No	No	Yes
## 467	42	M	United States	No	No	No
## 468	32	M	United Kingdom	No	Yes	Yes
## 469	47	M	United States	No	Yes	Yes
## 471	33	F	United States	No	No	Yes
## 472	25	F	United States	No	No	No

## 474	39	M	United States	No	No	No
## 475	38	M	United States	No	Yes	Yes
## 477	46	M	United States	No	No	Yes
## 478	38	F	United States	No	Yes	Yes
## 479	33	M	Germany	No	No	Yes
## 480	34	M	United Kingdom	No	Yes	Yes
## 481	62	M	United States	No	No	No
## 484	36	M	United States	Yes	Yes	Yes
## 485	41	F	United States	No	Yes	Yes
## 486	29	M	United States	No	No	Yes
## 487	31	F	Canada	Yes	Yes	Yes
## 489	31	M	Australia	No	No	Yes
## 490	21	M	Canada	No	No	No
## 491	27	F	Australia	No	Yes	Yes
## 492	39	M	United States	No	Yes	Yes
## 493	26	M	United States	No	Yes	Yes
## 494	27	M	United Kingdom	No	No	No
## 495	22	F	United States	No	Yes	Yes
## 496	26	F	United States	No	Yes	Yes
## 497	31	F	United States	No	Yes	Yes
## 498	32	M	United Kingdom	No	No	No
## 499	28	F	United States	No	Yes	Yes
## 500	28	M	United Kingdom	No	Yes	Yes
## 502	30	M	United Kingdom	No	No	No
## 503	36	M	United States	No	Yes	Yes
## 505	30	M	Germany	No	No	No
## 507	29	F	Canada	No	No	Yes
## 508	21	T	United Kingdom	No	No	Yes
## 509	32	F	Canada	No	No	Yes
## 510	34	M	Australia	No	No	No
## 512	22	M	Netherlands	No	Yes	Yes
## 515	27	M	United States	No	Yes	Yes
## 516	33	M	Australia	No	No	No
## 517	36	M	United States	No	No	Yes
## 518	40	M	Canada	No	No	No
## 519	28	M	United States	No	No	Yes
## 520	39	M	United States	No	No	Yes
## 521	32	M	United States	No	No	Yes
## 522	31	M	United States	No	Yes	No
## 523	38	M	United States	No	Yes	Yes
## 524	23	M	United States	No	Yes	Yes
## 525	42	M	United States	No	No	Yes
## 526	27	F	United States	No	No	No
## 527	26	F	United States	No	Yes	Yes
## 528	50	M	United States	No	No	No
## 529	37	M	United States	No	Yes	No
## 531	33	M	United States	No	Yes	No
## 532	29	M	Canada	Yes	No	No
## 533	34	M	United States	No	Yes	Yes
## 534	41	M	United States	No	Yes	Yes
## 536	29	M	Canada	No	No	Yes
## 537	35	M	United States	No	No	No
## 538	40	F	United States	No	No	No
## 539	27	M	Australia	No	No	Yes

## 540	29	F	United States	No	No	No
## 541	31	M	United States	No	Yes	Yes
## 542	43	M	United States	No	No	Yes
## 543	34	M	United States	No	Yes	Yes
## 544	29	M	United States	No	Yes	Yes
## 545	19	M	Canada	No	Yes	Yes
## 546	41	M	United States	No	Yes	Yes
## 547	29	M	United States	No	Yes	No
## 548	23	M	United States	No	No	No
## 549	24	F	United States	No	Yes	Yes
## 552	31	M	United States	No	Yes	Yes
## 553	29	M	United States	No	Yes	No
## 555	33	M	United States	No	Yes	Yes
## 556	30	F	United States	Yes	Yes	Yes
## 558	32	M	United States	No	No	No
## 559	50	M	United States	No	No	No
## 560	24	M	United States	No	No	No
## 562	27	M	Australia	No	No	No
## 563	32	M	United States	No	No	Yes
## 564	42	M	United States	Yes	No	No
## 565	37	M	United States	No	No	No
## 566	29	M	United States	No	No	No
## 567	30	M	United States	Yes	No	Yes
## 568	35	M	United States	No	No	No
## 569	35	M	United States	No	Yes	Yes
## 570	38	M	Netherlands	No	Yes	No
## 571	22	M	United Kingdom	No	Yes	Yes
## 572	24	M	Germany	No	Yes	No
## 573	22	M	Netherlands	Yes	No	No
## 574	31	F	United States	No	No	Yes
## 575	23	F	United States	No	Yes	Yes
## 576	31	F	United States	No	Yes	Yes
## 577	28	F	United States	No	Yes	Yes
## 578	37	T	Canada	No	Yes	Yes
## 579	34	M	United States	Yes	Yes	Yes
## 580	32	T	Canada	No	No	No
## 581	28	M	United States	No	Yes	Yes
## 582	24	F	United Kingdom	No	No	Yes
## 583	56	M	United States	No	Yes	Yes
## 584	31	M	Germany	No	No	No
## 585	34	F	United States	No	No	Yes
## 586	35	M	Germany	No	No	Yes
## 587	28	M	Germany	No	No	No
## 588	30	M	United Kingdom	No	No	Yes
## 592	29	F	Australia	No	Yes	Yes
## 593	57	M	United States	No	No	No
## 594	37	M	Ireland	Yes	No	No
## 595	25	M	Ireland	No	Yes	Yes
## 596	30	M	Australia	No	No	No
## 597	26	F	Australia	No	Yes	No
## 598	22	F	Netherlands	No	No	No
## 599	39	M	United States	No	No	No
## 600	29	M	United Kingdom	No	Yes	Yes
## 601	54	M	United Kingdom	Yes	Yes	Yes

## 602	34	F	Australia	No	Yes	No
## 603	32	M	United States	No	No	Yes
## 604	32	M	Germany	Yes	No	No
## 605	30	M	United Kingdom	No	Yes	Yes
## 607	27	M	United Kingdom	No	No	No
## 608	32	M	United States	No	No	No
## 609	26	M	Ireland	Yes	No	No
## 610	30	M	Ireland	No	No	Yes
## 613	26	M	Netherlands	No	No	No
## 615	23	M	United States	No	Yes	No
## 617	35	M	Canada	No	Yes	No
## 618	28	M	United States	No	No	Yes
## 620	29	F	United States	No	Yes	Yes
## 622	45	M	United States	No	No	Yes
## 623	38	M	United States	No	No	Yes
## 624	19	T	United States	No	Yes	Yes
## 625	29	F	Canada	No	No	Yes
## 627	23	F	India	No	Yes	Yes
## 628	33	F	United States	No	Yes	Yes
## 629	49	M	United States	No	Yes	Yes
## 631	27	F	United Kingdom	No	No	Yes
## 632	23	M	Canada	No	No	Yes
## 633	29	M	Netherlands	No	No	No
## 637	32	M	United Kingdom	No	No	Yes
## 643	33	M	United States	Yes	Yes	Yes
## 644	37	M	United States	No	Yes	Yes
## 645	23	M	United States	No	No	Yes
## 646	43	M	United States	No	Yes	Yes
## 647	32	M	United Kingdom	No	No	Yes
## 648	26	M	United States	No	No	No
## 649	32	M	United States	Yes	No	Yes
## 651	29	M	United States	No	No	Yes
## 654	30	M	United States	No	Yes	No
## 655	29	M	United States	No	No	No
## 656	32	M	United States	Yes	Yes	Yes
## 663	30	M	Canada	No	Yes	Yes
## 665	25	M	United States	No	Yes	Yes
## 666	33	M	United States	No	Yes	Yes
## 667	21	M	Germany	No	No	No
## 669	37	M	United Kingdom	No	No	Yes
## 674	33	M	United Kingdom	Yes	No	No
## 676	33	M	United Kingdom	No	No	Yes
## 678	36	M	United States	No	Yes	Yes
## 679	37	M	Australia	No	Yes	Yes
## 680	39	M	United Kingdom	No	No	Yes
## 681	31	M	United States	No	Yes	Yes
## 682	36	M	United States	No	No	Yes
## 683	30	M	United States	Yes	No	Yes
## 685	35	M	United States	No	Yes	Yes
## 686	19	M	Canada	No	No	Yes
## 688	37	M	United States	No	Yes	Yes
## 689	36	M	United States	No	No	No
## 690	29	F	United States	No	Yes	Yes
## 691	38	F	United States	No	Yes	Yes

## 692	26	M	United States	No	Yes	Yes
## 693	34	M	Germany	No	No	No
## 694	21	M	United States	No	No	Yes
## 695	31	M	Canada	Yes	Yes	No
## 696	37	F	United States	No	Yes	Yes
## 697	37	M	Ireland	No	Yes	Yes
## 698	38	M	Ireland	No	Yes	Yes
## 699	27	F	United States	No	No	Yes
## 701	33	F	United States	Yes	Yes	Yes
## 702	27	M	United Kingdom	No	No	No
## 703	36	F	United States	No	No	Yes
## 704	28	M	United Kingdom	No	No	No
## 705	39	M	United Kingdom	No	No	Yes
## 706	33	M	United States	Yes	Yes	Yes
## 709	37	M	United Kingdom	No	Yes	Yes
## 710	39	M	Canada	No	No	Yes
## 711	43	M	United States	No	No	No
## 712	32	T	United Kingdom	No	No	Yes
## 715	43	M	United Kingdom	No	No	Yes
## 716	33	M	United States	No	No	Yes
## 717	34	M	United Kingdom	No	Yes	Yes
## 720	25	M	United States	No	Yes	Yes
## 722	25	M	United States	No	Yes	Yes
## 724	29	M	United Kingdom	No	No	No
## 725	33	M	United States	No	No	Yes
## 726	37	F	United States	No	No	Yes
## 727	35	F	United States	No	No	Yes
## 728	22	F	United States	No	Yes	Yes
## 729	38	M	United States	No	No	No
## 730	32	F	United States	No	Yes	Yes
## 731	35	F	United States	No	No	Yes
## 732	29	M	United States	No	No	No
## 733	23	M	United States	No	Yes	Yes
## 737	28	T	United States	No	No	Yes
## 738	40	F	United States	No	Yes	Yes
## 741	41	M	United States	No	Yes	No
## 742	29	M	United Kingdom	No	No	No
## 743	29	M	United Kingdom	No	No	Yes
## 744	35	M	United States	No	No	Yes
## 745	28	M	United States	No	No	Yes
## 746	36	F	United Kingdom	Yes	No	No
## 747	39	F	United States	No	No	No
## 748	39	M	United States	No	Yes	Yes
## 749	44	M	United States	Yes	Yes	Yes
## 750	26	T	Germany	Yes	No	Yes
## 751	40	F	United States	No	Yes	Yes
## 752	38	M	United States	No	No	No
## 755	48	F	United States	No	Yes	No
## 756	20	M	United States	No	No	No
## 757	40	M	United States	Yes	No	No
## 758	29	F	United Kingdom	No	No	Yes
## 759	35	M	United States	No	Yes	Yes
## 760	29	M	United States	No	Yes	No
## 761	40	M	United States	No	No	No

## 762	29	F	United States	No	Yes	Yes
## 763	34	M	United States	No	No	Yes
## 764	44	M	United Kingdom	No	Yes	Yes
## 765	24	F	United States	No	Yes	Yes
## 768	36	M	United States	No	No	No
## 769	43	M	United States	No	No	Yes
## 770	36	M	United Kingdom	Yes	No	No
## 771	31	F	United States	No	Yes	Yes
## 772	35	M	United States	No	No	No
## 774	34	M	United States	No	No	Yes
## 775	36	M	Netherlands	Yes	No	Yes
## 776	40	M	United States	Yes	Yes	Yes
## 777	40	M	United States	No	No	No
## 778	42	M	United States	No	No	Yes
## 780	21	M	United Kingdom	No	Yes	No
## 781	26	M	Canada	No	No	No
## 784	51	M	United States	No	No	No
## 787	32	M	United Kingdom	No	Yes	Yes
## 788	32	M	United Kingdom	No	Yes	Yes
## 789	26	M	United Kingdom	Yes	No	Yes
## 790	23	M	United States	No	No	No
## 791	33	M	United States	No	Yes	Yes
## 792	46	M	United States	No	No	Yes
## 794	35	M	United States	No	Yes	Yes
## 796	32	M	Germany	Yes	No	No
## 797	56	M	United States	No	No	Yes
## 798	32	F	United Kingdom	No	Yes	Yes
## 802	30	M	United States	Yes	Yes	Yes
## 805	23	F	United Kingdom	No	Yes	No
## 806	31	M	United States	No	No	Yes
## 807	29	M	United States	No	Yes	Yes
## 808	30	M	United States	No	No	No
## 809	37	M	United States	No	No	No
## 810	36	M	United States	Yes	No	No
## 811	35	M	United States	No	Yes	Yes
## 812	41	M	United States	No	Yes	No
## 813	31	M	United Kingdom	No	No	Yes
## 816	39	M	United States	No	Yes	No
## 817	42	M	United States	Yes	Yes	No
## 818	32	M	United States	Yes	Yes	Yes
## 820	30	M	United States	No	Yes	No
## 821	40	M	United States	No	Yes	Yes
## 823	33	M	United States	No	No	No
## 824	34	M	Germany	Yes	No	Yes
## 825	50	M	United States	Yes	No	No
## 826	24	M	United States	No	No	No
## 827	25	M	United States	No	Yes	Yes
## 828	43	M	United Kingdom	No	Yes	Yes
## 829	25	F	United States	Yes	No	Yes
## 831	51	M	United States	Yes	No	No
## 832	49	M	United States	No	Yes	Yes
## 834	25	F	United States	No	Yes	Yes
## 835	36	M	United States	No	No	Yes
## 836	48	M	United States	No	No	Yes

## 837	48	M	Australia	No	No	Yes
## 838	53	M	United States	No	No	Yes
## 839	24	F	United Kingdom	No	Yes	Yes
## 840	33	M	United States	No	Yes	Yes
## 841	25	F	Canada	No	Yes	Yes
## 842	30	M	United Kingdom	No	No	Yes
## 843	30	M	United States	Yes	No	No
## 844	34	M	United Kingdom	Yes	No	Yes
## 846	22	F	United States	No	Yes	Yes
## 847	28	M	United States	No	Yes	No
## 848	35	M	United States	No	Yes	Yes
## 849	28	M	United States	No	Yes	Yes
## 851	29	M	United States	No	No	No
## 852	43	M	United States	No	Yes	No
## 855	31	M	United States	No	Yes	No
## 856	35	F	United States	No	Yes	Yes
## 857	34	M	United States	No	No	No
## 858	43	M	United States	No	No	Yes
## 859	38	M	United States	No	Yes	Yes
## 860	26	M	United States	No	Yes	Yes
## 861	38	M	United Kingdom	Yes	Yes	Yes
## 862	42	M	United States	No	No	Yes
## 864	32	M	United States	No	No	Yes
## 865	44	M	United States	No	Yes	Yes
## 866	28	M	United States	No	Yes	Yes
## 867	40	M	United States	No	Yes	Yes
## 868	31	F	United States	No	Yes	Yes
## 869	32	M	United States	No	Yes	No
## 870	28	M	United States	No	Yes	Yes
## 871	39	M	United States	No	Yes	Yes
## 873	43	M	United States	No	No	Yes
## 874	35	M	United States	No	No	Yes
## 875	40	M	United States	No	Yes	Yes
## 876	34	M	Netherlands	No	No	Yes
## 877	24	M	United Kingdom	No	Yes	Yes
## 878	36	F	United States	No	Yes	Yes
## 880	33	M	Germany	No	Yes	Yes
## 881	30	M	United States	No	Yes	No
## 882	34	M	Netherlands	Yes	Yes	Yes
## 883	26	M	United States	No	No	Yes
## 886	25	M	Germany	Yes	No	No
## 887	35	M	Germany	Yes	No	Yes
## 888	24	M	United Kingdom	Yes	Yes	No
## 889	55	M	United Kingdom	No	No	Yes
## 890	33	M	United Kingdom	Yes	Yes	Yes
## 891	26	F	United Kingdom	Yes	Yes	Yes
## 892	25	M	United Kingdom	No	No	No
## 893	45	M	United Kingdom	No	Yes	No
## 894	33	F	United Kingdom	Yes	No	Yes
## 895	43	M	United States	No	No	No
## 896	30	M	United Kingdom	Yes	No	Yes
## 897	40	M	United States	No	Yes	Yes
## 898	49	M	United States	No	Yes	No
## 901	38	M	United States	No	No	No

## 903	28	M United Kingdom	No	Yes	Yes
## 904	40	M United States	No	Yes	Yes
## 905	37	F Canada	Yes	Yes	Yes
## 906	34	F United Kingdom	No	Yes	Yes
## 907	28	M United States	No	Yes	Yes
## 908	27	M Canada	No	No	No
## 909	29	M United Kingdom	No	No	Yes
## 910	39	F United Kingdom	No	Yes	No
## 911	28	M United Kingdom	No	No	No
## 912	23	M United States	No	Yes	No
## 915	30	F United States	No	Yes	Yes
## 917	20	M India	No	No	Yes
## 918	35	M United Kingdom	Yes	No	No
## 919	39	M United States	No	No	Yes
## 920	31	F United States	No	Yes	No
## 921	32	M United Kingdom	No	No	No
## 922	25	M United States	No	Yes	Yes
## 923	42	M United States	No	Yes	Yes
## 924	34	M United States	No	Yes	Yes
## 925	26	F United States	No	No	Yes
## 926	35	M United Kingdom	No	Yes	Yes
## 927	34	M United Kingdom	No	No	No
## 928	38	M United States	No	Yes	Yes
## 929	34	M United States	No	No	No
## 930	39	M United States	No	Yes	Yes
## 933	33	F United States	Yes	No	No
## 934	24	F United States	No	Yes	No
## 935	38	F United States	No	Yes	No
## 936	31	M United States	No	No	No
## 938	46	T United States	No	No	Yes
## 939	30	M United States	No	Yes	Yes
## 940	25	M United States	No	No	No
## 941	19	M Canada	No	No	No
## 942	30	F United States	No	Yes	Yes
## 943	32	M United States	No	No	No
## 945	37	M United States	No	Yes	No
## 946	42	M United States	No	Yes	Yes
## 947	25	F United States	No	No	No
## 948	19	M United States	No	No	No
## 949	40	F United States	No	Yes	No
## 952	31	M United States	No	Yes	Yes
## 953	40	M United States	No	Yes	No
## 954	31	F United States	No	Yes	Yes
## 955	36	M United States	No	No	No
## 956	35	M Canada	No	Yes	No
## 957	26	M Australia	No	Yes	Yes
## 959	34	F United States	No	No	No
## 961	28	F United States	No	Yes	Yes
## 963	40	M United States	No	Yes	Yes
## 964	26	M United States	No	No	Yes
## 965	29	F United Kingdom	No	No	Yes
## 966	26	F Canada	No	Yes	Yes
## 967	41	M United States	Yes	No	Yes
## 968	39	M United Kingdom	Yes	Yes	Yes

## 969	26	F	United States	No	Yes	Yes
## 970	23	F	United States	No	Yes	No
## 971	36	M	United States	No	No	No
## 972	42	M	United States	No	No	No
## 973	39	M	United States	No	Yes	Yes
## 974	27	M	United States	No	No	No
## 975	33	M	United States	Yes	No	No
## 976	31	M	Canada	No	Yes	Yes
## 977	28	F	United States	No	No	Yes
## 978	29	F	United States	No	No	Yes
## 979	27	M	United States	No	No	Yes
## 980	44	M	United States	Yes	No	No
## 981	25	M	United States	No	No	Yes
## 982	24	M	Germany	No	Yes	Yes
## 983	34	M	United States	No	No	No
## 984	26	M	United States	No	No	No
## 985	48	M	United States	No	No	No
## 986	39	F	United States	No	No	Yes
## 987	43	M	United States	No	No	No
## 988	41	M	United States	No	No	No
## 989	25	M	United States	No	No	No
## 990	31	M	United States	No	No	Yes
## 991	40	M	United States	No	Yes	Yes
## 992	43	M	United States	Yes	Yes	Yes
## 993	27	F	United States	No	Yes	Yes
## 994	37	F	United States	No	Yes	Yes
## 995	32	M	Netherlands	Yes	No	Yes
## 996	25	M	United States	No	Yes	Yes
## 997	29	M	Netherlands	No	Yes	Yes
## 998	30	F	United States	No	Yes	Yes
## 999	34	F	Canada	No	Yes	Yes
## 1000	32	M	United Kingdom	No	Yes	Yes
## 1002	41	M	Germany	No	No	Yes
## 1003	38	M	United States	No	Yes	No
## 1004	32	M	United States	No	No	Yes
## 1005	28	F	United States	No	Yes	Yes
## 1006	11	M	United States	Yes	No	No
## 1007	43	M	United States	No	Yes	No
## 1008	32	M	United States	No	Yes	Yes
## 1009	25	M	United States	No	No	Yes
## 1010	37	M	United States	No	No	Yes
## 1011	36	M	United States	Yes	No	Yes
## 1012	24	M	United States	No	Yes	Yes
## 1013	40	M	United States	No	Yes	Yes
## 1015	43	M	United States	No	No	No
## 1017	26	M	United States	No	Yes	No
## 1018	33	F	Canada	Yes	Yes	Yes
## 1019	35	F	United States	No	Yes	No
## 1020	45	M	United States	No	No	No
## 1021	25	M	United States	No	No	Yes
## 1022	50	M	France	Yes	No	Yes
## 1023	26	M	Australia	No	Yes	Yes
## 1024	33	F	United States	No	No	Yes
## 1025	30	M	India	No	No	No

## 1026	29	M	France	No	No	Yes
## 1028	25	M	United States	No	Yes	Yes
## 1030	24	M	Canada	No	No	No
## 1031	40	M	United Kingdom	No	No	Yes
## 1032	46	M	United States	No	Yes	Yes
## 1033	38	M	United States	No	Yes	Yes
## 1034	34	M	United States	No	No	No
## 1035	32	M	United Kingdom	Yes	No	Yes
## 1036	44	M	United Kingdom	No	No	Yes
## 1037	33	F	United Kingdom	No	No	Yes
## 1038	45	F	United States	No	No	Yes
## 1040	26	M	Germany	Yes	Yes	Yes
## 1041	20	F	United States	No	No	Yes
## 1043	37	M	Netherlands	No	Yes	No
## 1045	42	F	United States	No	Yes	Yes
## 1047	36	F	United States	No	Yes	Yes
## 1048	27	M	United Kingdom	No	No	Yes
## 1049	25	M	United Kingdom	No	Yes	Yes
## 1051	23	M	Germany	No	Yes	Yes
## 1052	21	M	United Kingdom	No	No	Yes
## 1054	26	F	United States	No	Yes	No
## 1055	38	M	United Kingdom	No	Yes	Yes
## 1056	39	M	United Kingdom	No	Yes	Yes
## 1057	35	M	United States	No	Yes	Yes
## 1058	32	M	United States	No	No	No
## 1059	32	M	United States	No	No	Yes
## 1060	26	M	United Kingdom	No	No	No
## 1061	38	M	Canada	No	Yes	Yes
## 1062	34	F	United Kingdom	No	Yes	No
## 1063	39	M	United States	No	Yes	Yes
## 1064	32	M	Canada	Yes	No	No
## 1065	37	M	Netherlands	Yes	No	No
## 1066	31	M	United Kingdom	No	Yes	Yes
## 1067	30	M	United States	No	Yes	Yes
## 1068	29	M	United States	No	No	Yes
## 1069	31	M	United Kingdom	No	No	No
## 1071	26	M	United States	No	Yes	Yes
## 1072	46	F	United States	No	No	Yes
## 1073	32	M	United States	No	Yes	No
## 1074	29	M	United States	No	Yes	Yes
## 1075	32	F	United States	No	No	Yes
## 1078	40	F	United States	No	Yes	Yes
## 1079	23	M	United Kingdom	No	No	Yes
## 1081	26	F	United States	No	Yes	Yes
## 1082	29	M	United States	No	No	No
## 1083	32	F	United States	No	No	Yes
## 1084	38	M	United States	No	Yes	Yes
## 1085	72	F	United States	No	Yes	Yes
## 1086	35	F	United States	No	Yes	Yes
## 1087	28	F	United States	No	No	Yes
## 1088	27	F	United States	No	No	No
## 1089	56	F	United States	Yes	No	No
## 1090	38	M	United States	No	Yes	Yes
## 1091	40	M	United States	No	Yes	Yes

##	1092	44	M	United States	No	Yes	Yes
##	1093	34	M	Canada	No	Yes	No
##	1094	37	M	United Kingdom	No	No	No
##	1096	34	F	Ireland	No	No	Yes
##	1097	35	F	Ireland	No	No	No
##	1098	34	M	Ireland	No	No	Yes
##	1099	32	M	United States	No	No	Yes
##	1101	28	M	Australia	No	No	Yes
##	1102	28	F	United States	No	No	Yes
##	1104	34	M	Ireland	No	Yes	Yes
##	1105	32	M	Ireland	No	No	Yes
##	1106	34	M	United Kingdom	No	Yes	No
##	1107	23	M	United States	No	No	Yes
##	1109	45	M	Ireland	No	No	No
##	1110	34	F	United Kingdom	No	No	Yes
##	1111	33	M	United States	No	No	Yes
##	1113	27	M	United Kingdom	No	No	No
##	1114	42	M	Ireland	No	No	No
##	1116	38	M	United States	No	No	Yes
##	1117	46	M	United States	No	Yes	Yes
##	1118	46	M	United States	No	Yes	Yes
##	1119	41	F	Netherlands	Yes	No	Yes
##	1120	23	M	United Kingdom	No	No	No
##	1121	24	M	Ireland	No	Yes	Yes
##	1122	23	F	Ireland	No	No	Yes
##	1124	32	F	Ireland	No	Yes	No
##	1125	25	M	United States	No	Yes	Yes
##	1126	23	F	United Kingdom	No	Yes	Yes
##	1127	24	M	United Kingdom	Yes	No	Yes
##	1128	25	M	United Kingdom	No	Yes	Yes
##	1129	23	M	United Kingdom	No	No	Yes
##	1130	24	M	United Kingdom	No	No	Yes
##	1131	23	M	Canada	No	No	Yes
##	1132	60	M	United States	No	No	Yes
##	1133	28	M	Ireland	No	No	No
##	1134	28	M	United States	No	Yes	Yes
##	1135	30	M	Netherlands	No	No	No
##	1136	31	M	Germany	No	Yes	Yes
##	1137	28	M	Ireland	No	No	Yes
##	1138	43	F	United States	No	Yes	Yes
##	1140	22	M	Australia	No	Yes	Yes
##	1141	32	M	United States	No	No	No
##	1142	41	F	United States	No	Yes	Yes
##	1143	30	M	United States	No	Yes	Yes
##	1144	30	M	United States	Yes	Yes	Yes
##	1145	29	M	United States	No	Yes	Yes
##	1146	36	M	United States	No	Yes	No
##	1148	32	M	United States	No	Yes	Yes
##	1149	34	M	United States	No	Yes	Yes
##	1151	25	M	United States	No	Yes	Yes
##	1152	41	M	Australia	No	No	No
##		interfere		company_size	remote	tech_company	mh_benefits
##	18	Sometimes		1-5	Yes	Yes	Yes
##	20	Sometimes		100-500	No	Yes	Yes

## 21	Never	1-5	Yes	Yes	No
## 22	Often	26-100	Yes	Yes	Yes
## 23	Never	More than 1000	No	No	Don't know
## 24	Rarely	26-100	No	Yes	Yes
## 25	Sometimes	More than 1000	No	No	Yes
## 27	Rarely	6-25	Yes	Yes	Yes
## 28	Sometimes	26-100	Yes	Yes	Don't know
## 29	Sometimes	6-25	No	Yes	No
## 30	Never	6-25	Yes	Yes	No
## 31	Rarely	1-5	Yes	Yes	No
## 32	Sometimes	500-1000	Yes	Yes	Don't know
## 33	Sometimes	26-100	Yes	Yes	Yes
## 34	Sometimes	1-5	No	Yes	Yes
## 35	Rarely	6-25	No	Yes	No
## 36	Rarely	1-5	No	Yes	No
## 38	Rarely	More than 1000	Yes	Yes	Yes
## 39	Sometimes	6-25	No	Yes	No
## 41	Sometimes	1-5	No	Yes	No
## 42	Often	6-25	No	Yes	No
## 43	Sometimes	26-100	No	Yes	Don't know
## 44	Sometimes	26-100	No	Yes	Yes
## 47	Sometimes	1-5	No	Yes	No
## 48	Rarely	26-100	No	Yes	Yes
## 49	Often	6-25	No	Yes	No
## 52	Never	1-5	Yes	Yes	Don't know
## 53	Rarely	26-100	No	Yes	Yes
## 55	Sometimes	26-100	Yes	Yes	Don't know
## 57	Often	6-25	Yes	Yes	Don't know
## 58	Sometimes	More than 1000	No	No	Yes
## 59	Never	100-500	No	Yes	Yes
## 61	Sometimes	6-25	No	Yes	Don't know
## 62	Sometimes	More than 1000	Yes	Yes	Yes
## 63	Often	1-5	Yes	Yes	No
## 64	Sometimes	100-500	Yes	Yes	Yes
## 66	Rarely	1-5	Yes	Yes	No
## 67	Never	26-100	No	Yes	No
## 68	Never	6-25	No	Yes	Don't know
## 69	Rarely	More than 1000	No	Yes	Yes
## 71	Never	More than 1000	No	Yes	Don't know
## 74	Sometimes	1-5	Yes	Yes	No
## 75	Sometimes	26-100	Yes	Yes	No
## 76	Never	6-25	Yes	Yes	Don't know
## 77	Sometimes	100-500	Yes	Yes	Yes
## 78	Never	26-100	No	Yes	Yes
## 79	Never	26-100	No	No	No
## 80	Often	1-5	Yes	Yes	Yes
## 81	Never	More than 1000	No	Yes	No
## 83	Often	6-25	No	Yes	No
## 84	Rarely	500-1000	Yes	Yes	Yes
## 85	Sometimes	26-100	No	Yes	Yes
## 87	Never	500-1000	No	Yes	Yes
## 88	Sometimes	26-100	No	Yes	No
## 90	Sometimes	26-100	No	Yes	Yes
## 91	Never	26-100	No	Yes	Don't know

## 92	Rarely	26-100	No	Yes	Don't know
## 93	Sometimes	6-25	No	Yes	No
## 94	Often	1-5	No	Yes	No
## 95	Sometimes	26-100	No	No	No
## 96	Never	100-500	No	Yes	Yes
## 98	Sometimes	26-100	Yes	Yes	Yes
## 99	Never	More than 1000	No	Yes	Yes
## 100	Rarely	6-25	No	Yes	Yes
## 101	Sometimes	26-100	Yes	Yes	Don't know
## 102	Never	6-25	Yes	Yes	Yes
## 103	Sometimes	26-100	No	Yes	Yes
## 104	Sometimes	500-1000	No	Yes	Yes
## 105	Sometimes	26-100	No	Yes	Yes
## 106	Rarely	6-25	Yes	Yes	Yes
## 107	Never	100-500	No	Yes	Yes
## 109	Never	6-25	No	Yes	Don't know
## 110	Often	1-5	Yes	No	No
## 111	Rarely	6-25	No	No	Yes
## 112	Rarely	1-5	Yes	Yes	No
## 114	Never	More than 1000	No	Yes	Yes
## 116	Sometimes	6-25	Yes	Yes	Don't know
## 117	Often	6-25	No	Yes	Yes
## 118	Never	100-500	No	No	Yes
## 119	Never	500-1000	No	Yes	Yes
## 121	Rarely	100-500	No	Yes	Yes
## 122	Sometimes	6-25	No	Yes	No
## 123	Sometimes	More than 1000	No	Yes	Yes
## 124	Rarely	1-5	Yes	Yes	No
## 125	Never	26-100	No	Yes	Don't know
## 126	Never	26-100	No	Yes	Don't know
## 127	Never	26-100	No	No	No
## 128	Never	6-25	No	Yes	Don't know
## 129	Often	More than 1000	No	Yes	Yes
## 131	Sometimes	100-500	No	Yes	Don't know
## 132	Sometimes	More than 1000	No	No	No
## 133	Never	26-100	Yes	No	Don't know
## 136	Rarely	100-500	No	No	Yes
## 137	Never	6-25	No	Yes	No
## 138	Sometimes	6-25	No	No	No
## 139	Rarely	100-500	No	Yes	No
## 142	Never	26-100	No	Yes	Don't know
## 143	Never	6-25	No	Yes	Don't know
## 144	Rarely	More than 1000	No	No	Yes
## 145	Sometimes	26-100	No	No	Don't know
## 146	Sometimes	More than 1000	No	Yes	Don't know
## 147	Often	26-100	No	No	Don't know
## 148	Rarely	26-100	Yes	Yes	No
## 149	Sometimes	26-100	No	Yes	Don't know
## 150	Sometimes	More than 1000	No	No	Yes
## 151	Sometimes	500-1000	No	Yes	Yes
## 152	Never	More than 1000	No	Yes	Yes
## 153	Rarely	6-25	No	Yes	Don't know
## 154	Sometimes	1-5	No	Yes	No
## 156	Never	26-100	No	Yes	No

## 158	Sometimes	1-5	No	Yes	No
## 159	Rarely	100-500	No	Yes	Don't know
## 160	Sometimes	More than 1000	No	Yes	Yes
## 161	Often	6-25	No	Yes	Don't know
## 162	Never	More than 1000	No	Yes	Don't know
## 164	Sometimes	More than 1000	No	No	Yes
## 165	Never	26-100	No	Yes	Don't know
## 167	Often	6-25	Yes	Yes	Yes
## 168	Sometimes	1-5	No	Yes	Yes
## 170	Sometimes	6-25	No	No	No
## 171	Never	26-100	No	Yes	Don't know
## 172	Sometimes	More than 1000	No	Yes	Don't know
## 173	Often	More than 1000	Yes	Yes	Yes
## 175	Sometimes	6-25	No	Yes	Don't know
## 178	Never	More than 1000	No	Yes	Yes
## 179	Sometimes	26-100	No	Yes	Yes
## 180	Rarely	6-25	No	Yes	No
## 181	Sometimes	100-500	No	Yes	No
## 182	Never	500-1000	Yes	Yes	Don't know
## 183	Rarely	More than 1000	No	Yes	Yes
## 185	Sometimes	More than 1000	No	Yes	Don't know
## 186	Sometimes	26-100	No	Yes	Yes
## 187	Sometimes	500-1000	No	No	Yes
## 188	Often	6-25	Yes	Yes	No
## 189	Sometimes	1-5	No	Yes	No
## 190	Sometimes	100-500	Yes	Yes	Don't know
## 191	Sometimes	6-25	Yes	Yes	No
## 192	Often	26-100	No	Yes	No
## 193	Never	26-100	No	Yes	Don't know
## 195	Sometimes	26-100	No	No	No
## 196	Often	1-5	Yes	Yes	No
## 197	Sometimes	6-25	No	Yes	Don't know
## 198	Sometimes	100-500	No	No	Yes
## 199	Sometimes	1-5	Yes	Yes	No
## 200	Often	6-25	Yes	Yes	Yes
## 202	Never	500-1000	No	No	Yes
## 206	Rarely	6-25	No	Yes	Don't know
## 207	Sometimes	More than 1000	No	Yes	No
## 208	Never	26-100	No	Yes	Don't know
## 210	Rarely	1-5	Yes	Yes	No
## 211	Sometimes	1-5	Yes	Yes	Don't know
## 212	Never	6-25	No	Yes	Yes
## 213	Sometimes	1-5	No	Yes	No
## 214	Sometimes	26-100	No	Yes	Yes
## 215	Rarely	500-1000	Yes	Yes	Yes
## 216	Sometimes	More than 1000	No	No	Don't know
## 217	Sometimes	26-100	Yes	Yes	Don't know
## 219	Never	26-100	No	Yes	No
## 220	Often	26-100	No	Yes	Yes
## 222	Sometimes	More than 1000	No	No	Yes
## 223	Sometimes	6-25	No	No	Yes
## 224	Sometimes	1-5	No	Yes	No
## 225	Sometimes	26-100	No	Yes	Yes
## 226	Never	More than 1000	Yes	Yes	Yes

## 227	Sometimes	More than 1000	Yes	Yes	Yes
## 228	Often	6-25	No	No	Don't know
## 230	Sometimes	1-5	Yes	Yes	No
## 231	Rarely	500-1000	Yes	No	Yes
## 232	Sometimes	26-100	Yes	No	Don't know
## 234	Rarely	100-500	Yes	Yes	Yes
## 236	Sometimes	6-25	No	Yes	Don't know
## 237	Often	6-25	No	Yes	No
## 238	Sometimes	6-25	No	Yes	Don't know
## 239	Never	6-25	Yes	Yes	No
## 241	Often	6-25	No	Yes	No
## 242	Rarely	6-25	No	Yes	Yes
## 243	Sometimes	6-25	Yes	Yes	No
## 244	Sometimes	100-500	Yes	Yes	Yes
## 247	Sometimes	26-100	Yes	Yes	Yes
## 248	Sometimes	1-5	Yes	Yes	Don't know
## 249	Often	26-100	No	Yes	Yes
## 250	Never	6-25	Yes	Yes	No
## 251	Sometimes	1-5	Yes	Yes	No
## 252	Never	100-500	No	No	Yes
## 254	Sometimes	26-100	No	Yes	No
## 255	Rarely	26-100	Yes	Yes	Yes
## 258	Rarely	100-500	No	No	Yes
## 259	Sometimes	100-500	No	Yes	Don't know
## 260	Sometimes	6-25	Yes	Yes	Don't know
## 261	Sometimes	6-25	No	Yes	Don't know
## 262	Sometimes	26-100	No	Yes	Yes
## 264	Sometimes	6-25	No	Yes	No
## 265	Rarely	More than 1000	No	Yes	Yes
## 266	Never	26-100	No	Yes	Don't know
## 267	Sometimes	1-5	No	Yes	No
## 268	Rarely	More than 1000	Yes	Yes	Yes
## 269	Never	More than 1000	No	Yes	Don't know
## 270	Sometimes	More than 1000	No	Yes	Yes
## 271	Never	More than 1000	No	Yes	Yes
## 272	Never	More than 1000	No	Yes	Yes
## 274	Sometimes	26-100	No	Yes	Yes
## 276	Sometimes	More than 1000	No	Yes	Yes
## 277	Never	More than 1000	No	Yes	Yes
## 278	Sometimes	More than 1000	No	Yes	Yes
## 279	Sometimes	More than 1000	No	Yes	Yes
## 280	Rarely	100-500	No	Yes	Yes
## 281	Often	100-500	Yes	No	Yes
## 282	Rarely	More than 1000	No	Yes	Yes
## 283	Often	6-25	No	Yes	Yes
## 284	Rarely	26-100	No	Yes	Yes
## 287	Sometimes	100-500	No	Yes	Yes
## 288	Often	6-25	Yes	No	Don't know
## 289	Rarely	100-500	No	Yes	Yes
## 290	Never	1-5	No	Yes	No
## 291	Sometimes	More than 1000	No	Yes	Yes
## 295	Never	More than 1000	No	No	Yes
## 296	Often	More than 1000	No	Yes	Yes
## 297	Rarely	100-500	Yes	Yes	Yes

## 298	Sometimes	More than 1000	No	Yes	Yes
## 299	Never	500-1000	No	Yes	Yes
## 300	Sometimes	More than 1000	No	Yes	Yes
## 301	Rarely	6-25	No	Yes	Yes
## 303	Never	More than 1000	No	Yes	Yes
## 304	Sometimes	More than 1000	No	Yes	Don't know
## 305	Never	1-5	Yes	Yes	No
## 306	Rarely	1-5	No	No	No
## 308	Sometimes	More than 1000	No	Yes	Yes
## 310	Often	1-5	No	Yes	No
## 311	Never	26-100	No	Yes	Yes
## 312	Sometimes	26-100	No	Yes	Don't know
## 313	Sometimes	More than 1000	No	Yes	Yes
## 317	Sometimes	26-100	Yes	Yes	No
## 318	Sometimes	More than 1000	No	Yes	Don't know
## 320	Rarely	1-5	Yes	Yes	Don't know
## 321	Sometimes	26-100	No	Yes	Yes
## 322	Sometimes	100-500	No	No	Don't know
## 323	Never	More than 1000	No	Yes	Don't know
## 324	Sometimes	More than 1000	No	Yes	Don't know
## 325	Sometimes	More than 1000	No	Yes	Yes
## 326	Sometimes	More than 1000	No	Yes	Yes
## 327	Never	6-25	No	Yes	No
## 328	Often	More than 1000	No	Yes	Yes
## 329	Sometimes	500-1000	No	No	No
## 330	Sometimes	26-100	No	Yes	Don't know
## 331	Sometimes	More than 1000	No	Yes	Yes
## 332	Sometimes	100-500	Yes	Yes	No
## 335	Rarely	26-100	Yes	Yes	No
## 336	Rarely	100-500	Yes	No	No
## 337	Rarely	More than 1000	No	No	Yes
## 339	Sometimes	More than 1000	No	Yes	Don't know
## 341	Often	100-500	No	Yes	No
## 342	Rarely	100-500	No	Yes	Yes
## 343	Sometimes	6-25	No	No	Don't know
## 345	Often	More than 1000	No	Yes	Yes
## 346	Rarely	More than 1000	No	Yes	Yes
## 347	Sometimes	26-100	No	Yes	Yes
## 348	Rarely	26-100	No	Yes	Don't know
## 349	Never	26-100	Yes	Yes	Yes
## 350	Rarely	More than 1000	No	Yes	Yes
## 351	Sometimes	26-100	Yes	Yes	Don't know
## 352	Rarely	More than 1000	No	No	Yes
## 353	Never	More than 1000	No	Yes	Yes
## 354	Never	500-1000	No	Yes	Yes
## 355	Rarely	More than 1000	No	Yes	Yes
## 356	Sometimes	26-100	Yes	Yes	Yes
## 357	Often	26-100	Yes	Yes	No
## 358	Sometimes	6-25	No	Yes	Don't know
## 359	Rarely	More than 1000	Yes	Yes	Yes
## 360	Sometimes	1-5	Yes	Yes	Yes
## 361	Sometimes	6-25	No	Yes	Don't know
## 362	Rarely	More than 1000	No	No	Yes
## 363	Never	More than 1000	No	Yes	Don't know

## 364	Often	26-100	Yes	Yes	Don't know
## 366	Never	More than 1000	No	No	Yes
## 368	Sometimes	6-25	No	Yes	No
## 369	Never	100-500	No	Yes	Don't know
## 370	Sometimes	100-500	No	Yes	Don't know
## 371	Often	6-25	No	Yes	Yes
## 372	Sometimes	26-100	No	Yes	Yes
## 374	Sometimes	100-500	No	Yes	Yes
## 375	Sometimes	26-100	No	Yes	Don't know
## 377	Never	26-100	Yes	Yes	Yes
## 379	Often	More than 1000	Yes	Yes	Yes
## 380	Rarely	More than 1000	No	No	Don't know
## 381	Never	More than 1000	No	Yes	Don't know
## 382	Sometimes	More than 1000	No	Yes	Don't know
## 383	Sometimes	100-500	Yes	Yes	Don't know
## 384	Often	6-25	No	Yes	Don't know
## 385	Sometimes	100-500	No	Yes	Don't know
## 387	Sometimes	1-5	Yes	Yes	No
## 388	Rarely	1-5	Yes	Yes	Yes
## 389	Sometimes	6-25	No	Yes	No
## 390	Rarely	More than 1000	No	No	Yes
## 391	Sometimes	6-25	No	No	Don't know
## 392	Sometimes	100-500	No	Yes	No
## 396	Never	100-500	Yes	Yes	Don't know
## 397	Rarely	6-25	No	Yes	No
## 398	Often	1-5	Yes	Yes	No
## 399	Sometimes	26-100	No	Yes	Don't know
## 400	Sometimes	26-100	No	Yes	Don't know
## 401	Never	6-25	No	Yes	Don't know
## 404	Sometimes	26-100	No	Yes	Yes
## 405	Rarely	1-5	Yes	Yes	Yes
## 406	Sometimes	6-25	No	Yes	No
## 407	Rarely	More than 1000	Yes	Yes	Yes
## 408	Sometimes	More than 1000	No	Yes	Yes
## 410	Sometimes	6-25	No	Yes	Yes
## 411	Often	More than 1000	No	Yes	Yes
## 413	Sometimes	100-500	No	Yes	Yes
## 414	Rarely	26-100	No	Yes	Yes
## 415	Rarely	More than 1000	No	No	Yes
## 416	Often	6-25	Yes	Yes	Yes
## 417	Never	More than 1000	No	Yes	Yes
## 418	Often	More than 1000	No	Yes	Yes
## 419	Sometimes	6-25	No	Yes	Don't know
## 420	Sometimes	100-500	No	Yes	Don't know
## 421	Sometimes	More than 1000	No	Yes	Don't know
## 422	Never	100-500	No	Yes	Yes
## 423	Never	6-25	No	Yes	No
## 426	Never	500-1000	No	Yes	Yes
## 427	Sometimes	6-25	Yes	Yes	No
## 428	Never	26-100	No	Yes	Don't know
## 429	Sometimes	6-25	Yes	Yes	Don't know
## 430	Sometimes	26-100	Yes	Yes	No
## 431	Rarely	More than 1000	No	Yes	Yes
## 432	Sometimes	More than 1000	No	Yes	No

## 433	Never	6-25	No	Yes	No
## 434	Rarely	100-500	Yes	Yes	Yes
## 435	Sometimes	100-500	Yes	Yes	Yes
## 436	Rarely	More than 1000	No	Yes	Yes
## 437	Sometimes	6-25	No	Yes	Don't know
## 438	Sometimes	More than 1000	No	Yes	Yes
## 439	Sometimes	6-25	Yes	Yes	Don't know
## 440	Sometimes	More than 1000	No	Yes	Yes
## 441	Sometimes	6-25	No	Yes	No
## 442	Often	26-100	Yes	Yes	Don't know
## 444	Never	26-100	No	No	Don't know
## 445	Sometimes	More than 1000	No	Yes	Yes
## 446	Sometimes	1-5	Yes	Yes	Don't know
## 447	Rarely	6-25	No	Yes	Yes
## 448	Never	6-25	No	Yes	Don't know
## 449	Sometimes	26-100	No	No	No
## 450	Sometimes	26-100	No	Yes	Don't know
## 451	Often	1-5	Yes	Yes	No
## 453	Rarely	100-500	No	No	Don't know
## 454	Sometimes	1-5	Yes	Yes	No
## 456	Often	More than 1000	No	Yes	Yes
## 457	Sometimes	More than 1000	No	No	Yes
## 458	Often	1-5	Yes	Yes	Don't know
## 459	Sometimes	More than 1000	Yes	No	No
## 460	Rarely	6-25	No	Yes	Don't know
## 464	Never	More than 1000	No	No	Don't know
## 465	Sometimes	100-500	No	Yes	No
## 466	Sometimes	More than 1000	No	Yes	Yes
## 467	Never	100-500	No	No	Yes
## 468	Sometimes	6-25	Yes	Yes	Yes
## 469	Sometimes	More than 1000	No	Yes	Yes
## 471	Sometimes	500-1000	Yes	Yes	Yes
## 472	Sometimes	6-25	No	Yes	No
## 474	Never	26-100	No	Yes	Yes
## 475	Sometimes	More than 1000	No	Yes	Yes
## 477	Rarely	500-1000	Yes	Yes	Yes
## 478	Sometimes	More than 1000	No	No	Yes
## 479	Sometimes	6-25	No	Yes	Yes
## 480	Often	26-100	No	Yes	No
## 481	Never	More than 1000	No	Yes	Yes
## 484	Sometimes	1-5	Yes	Yes	Don't know
## 485	Rarely	500-1000	Yes	Yes	Yes
## 486	Sometimes	6-25	No	Yes	Yes
## 487	Sometimes	100-500	Yes	Yes	Don't know
## 489	Rarely	100-500	No	Yes	Yes
## 490	Never	26-100	No	Yes	Don't know
## 491	Sometimes	6-25	No	Yes	No
## 492	Often	26-100	Yes	Yes	Yes
## 493	Never	More than 1000	No	Yes	Don't know
## 494	Never	6-25	No	Yes	Don't know
## 495	Sometimes	500-1000	No	Yes	Yes
## 496	Often	100-500	No	No	Don't know
## 497	Rarely	100-500	No	Yes	Yes
## 498	Never	6-25	No	Yes	Don't know

## 499	Often	100-500	Yes	Yes	Yes
## 500	Rarely	100-500	No	Yes	No
## 502	Never	26-100	Yes	Yes	Don't know
## 503	Sometimes	More than 1000	No	Yes	Yes
## 505	Often	26-100	No	Yes	No
## 507	Sometimes	1-5	No	Yes	No
## 508	Sometimes	26-100	No	Yes	No
## 509	Often	More than 1000	No	No	Don't know
## 510	Sometimes	More than 1000	No	Yes	Yes
## 512	Sometimes	6-25	Yes	Yes	No
## 515	Sometimes	100-500	Yes	Yes	Don't know
## 516	Never	More than 1000	No	Yes	Don't know
## 517	Rarely	26-100	No	Yes	Don't know
## 518	Never	26-100	No	Yes	No
## 519	Sometimes	More than 1000	No	Yes	Yes
## 520	Sometimes	500-1000	No	Yes	Yes
## 521	Sometimes	More than 1000	No	Yes	Yes
## 522	Sometimes	More than 1000	No	Yes	Yes
## 523	Sometimes	100-500	No	Yes	Don't know
## 524	Rarely	1-5	No	Yes	No
## 525	Often	More than 1000	No	Yes	Yes
## 526	Sometimes	500-1000	No	Yes	Don't know
## 527	Sometimes	26-100	No	Yes	Yes
## 528	Never	26-100	Yes	Yes	No
## 529	Never	26-100	No	Yes	Don't know
## 531	Sometimes	6-25	Yes	Yes	Don't know
## 532	Never	26-100	Yes	Yes	Yes
## 533	Sometimes	26-100	Yes	No	Yes
## 534	Often	More than 1000	No	Yes	Yes
## 536	Never	More than 1000	No	No	Yes
## 537	Never	6-25	No	Yes	No
## 538	Never	26-100	No	No	Don't know
## 539	Often	100-500	Yes	Yes	No
## 540	Never	26-100	No	Yes	Yes
## 541	Sometimes	6-25	No	Yes	No
## 542	Sometimes	6-25	No	Yes	No
## 543	Sometimes	26-100	Yes	Yes	Yes
## 544	Sometimes	26-100	No	Yes	Don't know
## 545	Sometimes	1-5	No	Yes	No
## 546	Sometimes	More than 1000	No	Yes	Yes
## 547	Never	100-500	No	Yes	Yes
## 548	Rarely	100-500	No	Yes	Yes
## 549	Sometimes	100-500	No	Yes	Yes
## 552	Rarely	100-500	No	Yes	No
## 553	Often	100-500	No	Yes	Yes
## 555	Sometimes	100-500	No	No	Yes
## 556	Often	1-5	Yes	No	No
## 558	Sometimes	100-500	No	Yes	No
## 559	Sometimes	1-5	Yes	Yes	Don't know
## 560	Never	26-100	No	No	Don't know
## 562	Never	1-5	Yes	Yes	No
## 563	Sometimes	6-25	No	Yes	No
## 564	Rarely	6-25	Yes	No	No
## 565	Often	More than 1000	No	No	Don't know

## 566	Rarely	More than 1000	No	Yes	Yes
## 567	Often	6-25	Yes	Yes	No
## 568	Never	26-100	No	Yes	Yes
## 569	Rarely	100-500	Yes	No	Yes
## 570	Often	26-100	Yes	Yes	No
## 571	Sometimes	100-500	No	Yes	Yes
## 572	Sometimes	100-500	No	Yes	Don't know
## 573	Never	1-5	No	Yes	Don't know
## 574	Often	26-100	Yes	Yes	Yes
## 575	Sometimes	More than 1000	No	Yes	Yes
## 576	Sometimes	100-500	No	Yes	Don't know
## 577	Rarely	500-1000	No	Yes	Yes
## 578	Sometimes	100-500	No	No	Yes
## 579	Sometimes	6-25	No	Yes	No
## 580	Sometimes	26-100	Yes	Yes	No
## 581	Sometimes	26-100	Yes	Yes	Yes
## 582	Sometimes	100-500	No	Yes	No
## 583	Rarely	6-25	No	Yes	Yes
## 584	Sometimes	6-25	Yes	Yes	No
## 585	Sometimes	100-500	Yes	Yes	Yes
## 586	Rarely	100-500	No	No	Don't know
## 587	Never	26-100	No	Yes	No
## 588	Often	26-100	No	Yes	No
## 592	Sometimes	More than 1000	No	No	Yes
## 593	Never	26-100	No	Yes	Yes
## 594	Never	6-25	No	Yes	No
## 595	Sometimes	26-100	No	Yes	No
## 596	Sometimes	26-100	No	Yes	No
## 597	Sometimes	100-500	No	No	No
## 598	Often	6-25	No	Yes	No
## 599	Rarely	More than 1000	Yes	No	Don't know
## 600	Never	100-500	No	Yes	Don't know
## 601	Sometimes	1-5	Yes	Yes	Don't know
## 602	Never	500-1000	No	No	Don't know
## 603	Never	500-1000	No	No	Yes
## 604	Never	1-5	Yes	Yes	No
## 605	Sometimes	More than 1000	No	Yes	Yes
## 607	Never	1-5	No	Yes	Don't know
## 608	Never	More than 1000	No	Yes	Don't know
## 609	Never	1-5	Yes	Yes	No
## 610	Sometimes	26-100	Yes	Yes	No
## 613	Never	26-100	No	Yes	No
## 615	Sometimes	6-25	No	Yes	Don't know
## 617	Sometimes	26-100	No	Yes	Don't know
## 618	Sometimes	26-100	Yes	No	Don't know
## 620	Rarely	6-25	No	Yes	Don't know
## 622	Often	1-5	Yes	Yes	Yes
## 623	Sometimes	More than 1000	No	No	Yes
## 624	Often	26-100	No	No	Don't know
## 625	Rarely	More than 1000	Yes	No	Yes
## 627	Sometimes	More than 1000	No	Yes	Don't know
## 628	Rarely	More than 1000	No	Yes	Yes
## 629	Sometimes	100-500	No	Yes	Yes
## 631	Sometimes	6-25	Yes	Yes	Don't know

## 632	Sometimes	6-25	No	Yes	Yes
## 633	Never	1-5	Yes	Yes	No
## 637	Sometimes	26-100	No	No	Yes
## 643	Rarely	1-5	Yes	Yes	No
## 644	Sometimes	100-500	No	Yes	Yes
## 645	Often	26-100	No	No	Yes
## 646	Sometimes	26-100	No	No	Yes
## 647	Rarely	100-500	No	Yes	Don't know
## 648	Never	26-100	No	Yes	Don't know
## 649	Sometimes	1-5	Yes	Yes	Don't know
## 651	Often	26-100	No	Yes	Yes
## 654	Never	100-500	No	Yes	Don't know
## 655	Never	6-25	No	Yes	Yes
## 656	Sometimes	1-5	Yes	Yes	Yes
## 663	Sometimes	More than 1000	No	No	Don't know
## 665	Never	6-25	Yes	Yes	Don't know
## 666	Sometimes	1-5	No	No	No
## 667	Rarely	6-25	Yes	Yes	Don't know
## 669	Often	6-25	No	Yes	No
## 674	Never	100-500	No	No	No
## 676	Sometimes	26-100	No	Yes	Don't know
## 678	Sometimes	More than 1000	Yes	No	Don't know
## 679	Sometimes	26-100	No	Yes	No
## 680	Sometimes	100-500	No	Yes	No
## 681	Sometimes	26-100	No	Yes	Yes
## 682	Sometimes	100-500	Yes	Yes	Yes
## 683	Sometimes	26-100	Yes	Yes	Don't know
## 685	Rarely	6-25	No	Yes	Yes
## 686	Sometimes	26-100	No	Yes	Don't know
## 688	Sometimes	100-500	No	Yes	Don't know
## 689	Never	More than 1000	No	Yes	Yes
## 690	Sometimes	26-100	Yes	No	Don't know
## 691	Sometimes	26-100	No	No	Yes
## 692	Sometimes	More than 1000	No	Yes	Yes
## 693	Rarely	26-100	No	Yes	No
## 694	Often	More than 1000	No	No	No
## 695	Sometimes	1-5	Yes	Yes	No
## 696	Rarely	26-100	No	No	Yes
## 697	Sometimes	1-5	No	Yes	No
## 698	Sometimes	1-5	No	Yes	No
## 699	Sometimes	100-500	No	Yes	Don't know
## 701	Sometimes	1-5	No	Yes	Yes
## 702	Never	26-100	No	Yes	Don't know
## 703	Never	6-25	Yes	Yes	Yes
## 704	Never	26-100	No	Yes	Don't know
## 705	Sometimes	500-1000	No	No	Don't know
## 706	Sometimes	1-5	Yes	Yes	No
## 709	Rarely	6-25	No	Yes	No
## 710	Sometimes	100-500	No	No	Yes
## 711	Sometimes	6-25	Yes	Yes	Don't know
## 712	Sometimes	More than 1000	No	No	Don't know
## 715	Never	26-100	No	Yes	Don't know
## 716	Sometimes	6-25	Yes	Yes	No
## 717	Sometimes	More than 1000	No	Yes	Don't know

## 720	Sometimes	More than 1000	No	No	Yes
## 722	Sometimes	26-100	No	Yes	Yes
## 724	Rarely	100-500	No	Yes	Don't know
## 725	Sometimes	More than 1000	No	Yes	Yes
## 726	Often	6-25	Yes	Yes	Don't know
## 727	Sometimes	100-500	No	No	Yes
## 728	Sometimes	More than 1000	No	Yes	Don't know
## 729	Never	26-100	No	Yes	Yes
## 730	Often	100-500	No	Yes	Yes
## 731	Sometimes	100-500	Yes	Yes	Don't know
## 732	Never	100-500	No	No	Yes
## 733	Sometimes	6-25	No	Yes	No
## 737	Sometimes	26-100	No	Yes	No
## 738	Sometimes	100-500	No	No	Yes
## 741	Sometimes	More than 1000	No	Yes	Yes
## 742	Never	6-25	No	Yes	Don't know
## 743	Sometimes	100-500	No	Yes	No
## 744	Often	1-5	No	No	No
## 745	Never	6-25	Yes	Yes	No
## 746	Sometimes	1-5	Yes	Yes	Don't know
## 747	Sometimes	26-100	No	Yes	Don't know
## 748	Sometimes	500-1000	No	Yes	Yes
## 749	Sometimes	1-5	Yes	Yes	No
## 750	Sometimes	6-25	Yes	Yes	No
## 751	Sometimes	100-500	No	No	Yes
## 752	Never	More than 1000	Yes	Yes	No
## 755	Often	26-100	No	Yes	Don't know
## 756	Never	26-100	No	Yes	Don't know
## 757	Sometimes	1-5	Yes	Yes	Don't know
## 758	Rarely	6-25	No	Yes	Don't know
## 759	Sometimes	1-5	No	No	No
## 760	Sometimes	More than 1000	Yes	No	Yes
## 761	Never	100-500	No	Yes	Yes
## 762	Rarely	100-500	No	Yes	Yes
## 763	Sometimes	1-5	No	Yes	No
## 764	Sometimes	500-1000	No	No	Don't know
## 765	Often	6-25	No	Yes	Yes
## 768	Rarely	More than 1000	No	Yes	Yes
## 769	Sometimes	More than 1000	No	No	Don't know
## 770	Sometimes	6-25	Yes	Yes	No
## 771	Sometimes	100-500	No	Yes	Yes
## 772	Sometimes	More than 1000	No	Yes	Don't know
## 774	Sometimes	100-500	No	Yes	Don't know
## 775	Sometimes	1-5	No	Yes	No
## 776	Sometimes	1-5	Yes	Yes	No
## 777	Rarely	More than 1000	No	Yes	Yes
## 778	Sometimes	1-5	Yes	Yes	No
## 780	Never	6-25	No	No	No
## 781	Sometimes	6-25	Yes	Yes	No
## 784	Never	More than 1000	Yes	Yes	Yes
## 787	Rarely	6-25	No	No	No
## 788	Rarely	6-25	No	No	No
## 789	Rarely	1-5	Yes	Yes	No
## 790	Never	100-500	No	No	Don't know

## 791	Often	6-25	Yes	Yes	No
## 792	Rarely	More than 1000	No	No	Yes
## 794	Sometimes	6-25	No	Yes	Yes
## 796	Sometimes	1-5	Yes	Yes	No
## 797	Rarely	More than 1000	Yes	Yes	Yes
## 798	Sometimes	100-500	No	Yes	Don't know
## 802	Sometimes	6-25	Yes	Yes	Don't know
## 805	Never	More than 1000	No	No	No
## 806	Never	26-100	No	Yes	Yes
## 807	Sometimes	26-100	No	Yes	Don't know
## 808	Never	26-100	Yes	Yes	Yes
## 809	Never	500-1000	Yes	Yes	Yes
## 810	Never	1-5	No	Yes	Yes
## 811	Sometimes	26-100	Yes	Yes	Yes
## 812	Never	500-1000	Yes	No	Don't know
## 813	Rarely	6-25	No	Yes	Don't know
## 816	Sometimes	More than 1000	No	Yes	Yes
## 817	Sometimes	6-25	Yes	No	Yes
## 818	Rarely	1-5	Yes	Yes	No
## 820	Never	100-500	No	Yes	Yes
## 821	Often	500-1000	Yes	Yes	Don't know
## 823	Never	More than 1000	No	Yes	Yes
## 824	Sometimes	1-5	Yes	Yes	No
## 825	Never	1-5	Yes	Yes	No
## 826	Sometimes	26-100	Yes	Yes	Don't know
## 827	Rarely	26-100	No	No	No
## 828	Rarely	26-100	No	Yes	No
## 829	Often	1-5	No	Yes	Yes
## 831	Never	1-5	No	Yes	No
## 832	Sometimes	More than 1000	No	Yes	Yes
## 834	Sometimes	More than 1000	No	Yes	Yes
## 835	Rarely	500-1000	Yes	Yes	Yes
## 836	Never	More than 1000	No	Yes	Yes
## 837	Sometimes	6-25	No	Yes	No
## 838	Rarely	6-25	Yes	Yes	Yes
## 839	Often	6-25	Yes	Yes	No
## 840	Sometimes	26-100	No	Yes	Don't know
## 841	Sometimes	6-25	No	Yes	Yes
## 842	Sometimes	26-100	No	Yes	No
## 843	Never	1-5	Yes	Yes	No
## 844	Sometimes	1-5	Yes	Yes	No
## 846	Often	More than 1000	No	Yes	Don't know
## 847	Sometimes	6-25	No	Yes	Don't know
## 848	Rarely	26-100	No	No	Yes
## 849	Sometimes	26-100	No	No	Yes
## 851	Sometimes	More than 1000	No	Yes	Yes
## 852	Sometimes	500-1000	No	No	Yes
## 855	Never	100-500	No	Yes	Don't know
## 856	Sometimes	6-25	No	No	Yes
## 857	Often	1-5	No	Yes	Don't know
## 858	Sometimes	100-500	Yes	Yes	Yes
## 859	Sometimes	100-500	No	Yes	No
## 860	Sometimes	More than 1000	No	Yes	Don't know
## 861	Rarely	1-5	Yes	No	No

## 862	Often	6-25	No	Yes	Don't know
## 864	Rarely	More than 1000	No	Yes	Yes
## 865	Sometimes	6-25	Yes	Yes	Yes
## 866	Rarely	More than 1000	No	Yes	Yes
## 867	Sometimes	More than 1000	Yes	Yes	Yes
## 868	Sometimes	500-1000	No	Yes	Yes
## 869	Sometimes	100-500	No	Yes	Yes
## 870	Sometimes	More than 1000	No	Yes	Don't know
## 871	Often	26-100	No	Yes	Yes
## 873	Rarely	More than 1000	No	Yes	Yes
## 874	Sometimes	More than 1000	No	Yes	Yes
## 875	Sometimes	6-25	No	Yes	Yes
## 876	Rarely	26-100	No	Yes	No
## 877	Often	26-100	No	No	Don't know
## 878	Rarely	6-25	No	Yes	Don't know
## 880	Often	26-100	No	Yes	Don't know
## 881	Never	More than 1000	No	No	Don't know
## 882	Rarely	1-5	Yes	Yes	Yes
## 883	Rarely	More than 1000	No	Yes	Yes
## 886	Sometimes	6-25	Yes	Yes	No
## 887	Sometimes	26-100	Yes	No	Don't know
## 888	Often	1-5	Yes	Yes	Don't know
## 889	Often	More than 1000	No	No	Yes
## 890	Sometimes	1-5	Yes	Yes	No
## 891	Sometimes	1-5	Yes	Yes	No
## 892	Never	6-25	Yes	Yes	Don't know
## 893	Rarely	100-500	No	No	Don't know
## 894	Sometimes	1-5	Yes	Yes	No
## 895	Sometimes	More than 1000	Yes	Yes	No
## 896	Sometimes	6-25	No	Yes	No
## 897	Rarely	6-25	No	Yes	Don't know
## 898	Never	More than 1000	No	Yes	Yes
## 901	Never	More than 1000	No	Yes	Yes
## 903	Often	26-100	No	Yes	No
## 904	Sometimes	1-5	Yes	Yes	No
## 905	Rarely	1-5	Yes	Yes	No
## 906	Often	26-100	Yes	No	Yes
## 907	Often	100-500	No	Yes	Don't know
## 908	Never	26-100	No	Yes	Yes
## 909	Sometimes	6-25	Yes	Yes	No
## 910	Rarely	500-1000	Yes	Yes	Don't know
## 911	Often	6-25	No	Yes	No
## 912	Sometimes	26-100	No	Yes	Yes
## 915	Sometimes	26-100	No	Yes	Yes
## 917	Sometimes	26-100	No	Yes	Don't know
## 918	Sometimes	1-5	No	Yes	Don't know
## 919	Rarely	100-500	Yes	Yes	Yes
## 920	Never	More than 1000	No	No	Yes
## 921	Rarely	500-1000	No	Yes	No
## 922	Often	6-25	Yes	Yes	Yes
## 923	Sometimes	6-25	Yes	Yes	Don't know
## 924	Often	100-500	No	Yes	Yes
## 925	Sometimes	26-100	Yes	Yes	Don't know
## 926	Sometimes	1-5	No	Yes	No

## 927	Never	500-1000	No	Yes	Don't know
## 928	Sometimes	100-500	Yes	No	Yes
## 929	Sometimes	100-500	No	Yes	Don't know
## 930	Sometimes	6-25	Yes	Yes	No
## 933	Never	1-5	Yes	Yes	No
## 934	Sometimes	More than 1000	No	No	Yes
## 935	Sometimes	26-100	Yes	Yes	Don't know
## 936	Sometimes	More than 1000	No	Yes	Yes
## 938	Often	More than 1000	No	No	Yes
## 939	Sometimes	26-100	Yes	Yes	Yes
## 940	Rarely	26-100	Yes	Yes	Don't know
## 941	Never	26-100	Yes	Yes	Don't know
## 942	Sometimes	500-1000	No	No	Yes
## 943	Never	6-25	No	Yes	Yes
## 945	Sometimes	26-100	Yes	Yes	Don't know
## 946	Sometimes	6-25	Yes	Yes	Don't know
## 947	Never	More than 1000	No	Yes	Yes
## 948	Sometimes	1-5	No	Yes	Don't know
## 949	Never	100-500	Yes	Yes	Yes
## 952	Rarely	6-25	No	Yes	Don't know
## 953	Sometimes	More than 1000	Yes	No	Yes
## 954	Often	26-100	No	Yes	No
## 955	Never	100-500	No	No	Don't know
## 956	Sometimes	6-25	Yes	Yes	No
## 957	Sometimes	26-100	Yes	Yes	No
## 959	Sometimes	1-5	No	Yes	No
## 961	Sometimes	26-100	Yes	Yes	Don't know
## 963	Sometimes	More than 1000	Yes	Yes	Yes
## 964	Sometimes	6-25	No	Yes	Yes
## 965	Often	More than 1000	No	No	Yes
## 966	Sometimes	100-500	No	Yes	Yes
## 967	Often	1-5	Yes	No	No
## 968	Sometimes	1-5	Yes	Yes	No
## 969	Sometimes	More than 1000	No	Yes	Yes
## 970	Sometimes	26-100	No	No	No
## 971	Never	1-5	Yes	Yes	Don't know
## 972	Rarely	More than 1000	No	No	Don't know
## 973	Sometimes	500-1000	No	Yes	Yes
## 974	Never	6-25	No	Yes	Don't know
## 975	Never	6-25	Yes	Yes	Don't know
## 976	Often	More than 1000	No	Yes	Yes
## 977	Rarely	6-25	No	Yes	Yes
## 978	Often	More than 1000	Yes	No	Yes
## 979	Sometimes	100-500	No	Yes	Don't know
## 980	Never	1-5	Yes	Yes	Don't know
## 981	Often	6-25	Yes	Yes	Don't know
## 982	Sometimes	6-25	No	Yes	No
## 983	Never	6-25	Yes	Yes	Yes
## 984	Never	More than 1000	No	No	Yes
## 985	Never	26-100	No	No	Yes
## 986	Sometimes	6-25	Yes	Yes	No
## 987	Sometimes	More than 1000	Yes	Yes	Yes
## 988	Rarely	More than 1000	No	Yes	Yes
## 989	Never	More than 1000	No	No	Don't know

## 990	Sometimes	100-500	No	Yes	Yes
## 991	Sometimes	More than 1000	No	Yes	Yes
## 992	Sometimes	1-5	Yes	Yes	Yes
## 993	Often	More than 1000	No	Yes	Yes
## 994	Sometimes	26-100	Yes	Yes	Yes
## 995	Sometimes	1-5	No	Yes	No
## 996	Often	1-5	No	Yes	No
## 997	Often	1-5	No	Yes	Don't know
## 998	Often	More than 1000	No	No	Yes
## 999	Often	26-100	No	No	Don't know
## 1000	Sometimes	1-5	No	No	Yes
## 1002	Sometimes	More than 1000	No	Yes	Don't know
## 1003	Never	More than 1000	No	No	Yes
## 1004	Sometimes	26-100	No	Yes	Yes
## 1005	Sometimes	100-500	No	Yes	Yes
## 1006	Never	1-5	Yes	Yes	No
## 1007	Never	100-500	No	No	Yes
## 1008	Often	100-500	No	Yes	No
## 1009	Sometimes	More than 1000	No	Yes	Yes
## 1010	Sometimes	100-500	No	Yes	Yes
## 1011	Sometimes	1-5	No	No	No
## 1012	Rarely	6-25	Yes	Yes	Don't know
## 1013	Sometimes	More than 1000	No	Yes	Yes
## 1015	Never	500-1000	No	Yes	Don't know
## 1017	Sometimes	100-500	No	Yes	Don't know
## 1018	Often	1-5	Yes	Yes	No
## 1019	Sometimes	6-25	Yes	Yes	Don't know
## 1020	Never	6-25	Yes	Yes	Yes
## 1021	Rarely	6-25	Yes	Yes	No
## 1022	Sometimes	26-100	Yes	Yes	No
## 1023	Rarely	26-100	No	Yes	No
## 1024	Often	More than 1000	No	Yes	Yes
## 1025	Often	6-25	No	Yes	No
## 1026	Often	6-25	No	Yes	Yes
## 1028	Sometimes	1-5	Yes	Yes	Don't know
## 1030	Sometimes	26-100	No	Yes	Yes
## 1031	Never	100-500	No	Yes	Don't know
## 1032	Sometimes	6-25	No	Yes	Don't know
## 1033	Rarely	More than 1000	No	No	Yes
## 1034	Never	1-5	Yes	Yes	No
## 1035	Rarely	1-5	No	Yes	No
## 1036	Sometimes	More than 1000	No	No	No
## 1037	Never	100-500	No	Yes	Don't know
## 1038	Rarely	26-100	No	No	Don't know
## 1040	Often	1-5	No	Yes	No
## 1041	Sometimes	26-100	Yes	Yes	Don't know
## 1043	Sometimes	6-25	No	Yes	No
## 1045	Sometimes	26-100	No	No	Yes
## 1047	Rarely	More than 1000	Yes	Yes	Yes
## 1048	Sometimes	More than 1000	No	No	No
## 1049	Sometimes	26-100	Yes	Yes	No
## 1051	Sometimes	6-25	No	Yes	Don't know
## 1052	Sometimes	More than 1000	No	No	Don't know
## 1054	Sometimes	26-100	Yes	Yes	Don't know

## 1055	Sometimes	1-5	No	Yes	No
## 1056	Sometimes	More than 1000	No	No	No
## 1057	Often	More than 1000	No	No	Yes
## 1058	Rarely	6-25	No	Yes	Yes
## 1059	Sometimes	More than 1000	No	Yes	Yes
## 1060	Never	6-25	No	Yes	No
## 1061	Rarely	100-500	No	Yes	Don't know
## 1062	Rarely	26-100	No	No	Yes
## 1063	Often	26-100	No	No	Don't know
## 1064	Never	6-25	Yes	Yes	Don't know
## 1065	Never	1-5	Yes	Yes	Don't know
## 1066	Never	6-25	No	Yes	Don't know
## 1067	Rarely	6-25	No	Yes	No
## 1068	Sometimes	26-100	No	Yes	Yes
## 1069	Never	100-500	No	Yes	Yes
## 1071	Sometimes	6-25	Yes	Yes	Don't know
## 1072	Often	100-500	Yes	No	Yes
## 1073	Sometimes	More than 1000	No	Yes	Yes
## 1074	Sometimes	26-100	No	No	Yes
## 1075	Sometimes	More than 1000	No	Yes	Yes
## 1078	Sometimes	26-100	No	Yes	Yes
## 1079	Sometimes	1-5	No	Yes	No
## 1081	Rarely	100-500	No	Yes	Yes
## 1082	Never	26-100	No	Yes	No
## 1083	Sometimes	26-100	No	Yes	Yes
## 1084	Sometimes	More than 1000	No	No	Yes
## 1085	Never	500-1000	Yes	No	Yes
## 1086	Sometimes	1-5	Yes	Yes	No
## 1087	Often	6-25	No	Yes	No
## 1088	Never	100-500	No	No	Don't know
## 1089	Rarely	1-5	Yes	Yes	Don't know
## 1090	Sometimes	26-100	Yes	Yes	Yes
## 1091	Sometimes	6-25	No	Yes	Yes
## 1092	Sometimes	100-500	No	Yes	Yes
## 1093	Sometimes	More than 1000	No	Yes	Yes
## 1094	Never	26-100	Yes	Yes	Don't know
## 1096	Sometimes	500-1000	No	No	Yes
## 1097	Rarely	1-5	No	Yes	Don't know
## 1098	Often	6-25	No	Yes	No
## 1099	Often	26-100	Yes	Yes	Yes
## 1101	Often	100-500	Yes	Yes	No
## 1102	Rarely	6-25	No	Yes	Yes
## 1104	Never	1-5	Yes	Yes	No
## 1105	Sometimes	6-25	No	Yes	No
## 1106	Often	26-100	Yes	No	Don't know
## 1107	Sometimes	1-5	No	Yes	No
## 1109	Never	More than 1000	Yes	Yes	Don't know
## 1110	Sometimes	More than 1000	No	No	No
## 1111	Often	26-100	Yes	Yes	Yes
## 1113	Rarely	More than 1000	Yes	No	Don't know
## 1114	Never	26-100	No	Yes	No
## 1116	Sometimes	More than 1000	Yes	Yes	Yes
## 1117	Often	26-100	No	Yes	Don't know
## 1118	Sometimes	100-500	Yes	Yes	Don't know

## 1119	Rarely	1-5	Yes	Yes	Don't know
## 1120	Never	26-100	No	Yes	Don't know
## 1121	Sometimes	More than 1000	No	Yes	Yes
## 1122	Rarely	26-100	No	Yes	No
## 1124	Never	More than 1000	No	Yes	Yes
## 1125	Sometimes	26-100	No	Yes	Don't know
## 1126	Sometimes	6-25	No	Yes	No
## 1127	Sometimes	6-25	Yes	Yes	No
## 1128	Sometimes	More than 1000	No	No	Yes
## 1129	Rarely	6-25	No	Yes	No
## 1130	Sometimes	6-25	No	No	Don't know
## 1131	Often	26-100	No	Yes	Yes
## 1132	Often	More than 1000	Yes	Yes	Don't know
## 1133	Sometimes	26-100	No	Yes	No
## 1134	Often	More than 1000	No	No	Yes
## 1135	Sometimes	500-1000	No	Yes	Don't know
## 1136	Sometimes	100-500	No	Yes	Don't know
## 1137	Rarely	26-100	No	Yes	Don't know
## 1138	Rarely	More than 1000	Yes	Yes	Yes
## 1140	Often	100-500	No	No	Yes
## 1141	Never	100-500	No	Yes	Yes
## 1142	Sometimes	26-100	No	Yes	Yes
## 1143	Sometimes	26-100	No	Yes	Yes
## 1144	Often	26-100	No	Yes	Yes
## 1145	Sometimes	100-500	Yes	Yes	Yes
## 1146	Rarely	More than 1000	No	No	Don't know
## 1148	Often	26-100	Yes	Yes	Yes
## 1149	Sometimes	More than 1000	No	Yes	Yes
## 1151	Sometimes	26-100	No	No	Yes
## 1152	Sometimes	500-1000	No	No	No
##	awareness_mh_benefits	mh_discuss	mh_resources	anonymity_protected	
## 18	Not sure	Yes	Don't know	Yes	
## 20	Yes	No	No	No	
## 21	No	No	No	Yes	
## 22	Yes	No	No	Don't know	
## 23	No	No	Don't know	Don't know	
## 24	Not sure	Don't know	Yes	Yes	
## 25	Yes	No	Don't know	No	
## 27	Yes	Don't know	Don't know	Don't know	
## 28	Not sure	No	Don't know	Don't know	
## 29	No	No	No	Don't know	
## 30	No	No	No	Don't know	
## 31	Yes	No	No	Don't know	
## 32	No	No	No	Yes	
## 33	Yes	Yes	Yes	Yes	
## 34	Yes	No	No	Don't know	
## 35	Yes	No	No	Don't know	
## 36	No	No	No	Don't know	
## 38	Yes	No	Yes	Yes	
## 39	No	No	No	Don't know	
## 41	Yes	No	No	Yes	
## 42	Not sure	No	No	Don't know	
## 43	No	No	No	Don't know	
## 44	Yes	No	Yes	Yes	

## 47	Yes	Yes	No	Don't know
## 48	No	No	Don't know	Don't know
## 49	Yes	No	No	Yes
## 52	Not sure	No	No	Don't know
## 53	Yes	No	No	Yes
## 55	No	No	No	Don't know
## 57	No	No	No	No
## 58	No	No	Don't know	Don't know
## 59	Not sure	No	Yes	Don't know
## 61	No	No	No	Don't know
## 62	Yes	Yes	Yes	Don't know
## 63	Not sure	No	No	Don't know
## 64	No	Don't know	Yes	Don't know
## 66	No	No	No	Don't know
## 67	No	No	No	Don't know
## 68	Not sure	Don't know	Don't know	Don't know
## 69	Yes	No	No	Yes
## 71	Not sure	Yes	Don't know	Don't know
## 74	No	No	No	Yes
## 75	No	No	No	Don't know
## 76	No	Don't know	Don't know	Don't know
## 77	Yes	No	Yes	Don't know
## 78	Not sure	Yes	Don't know	Don't know
## 79	No	No	No	Don't know
## 80	Yes	Yes	Yes	Yes
## 81	No	No	No	Don't know
## 83	No	No	No	Don't know
## 84	Not sure	No	Don't know	Don't know
## 85	Yes	No	No	Don't know
## 87	Yes	Yes	Yes	Yes
## 88	Yes	No	No	Yes
## 90	Yes	No	Don't know	Don't know
## 91	No	No	Don't know	Don't know
## 92	Not sure	No	Don't know	Don't know
## 93	Yes	No	No	Don't know
## 94	Yes	No	No	Yes
## 95	Yes	No	No	No
## 96	Not sure	Don't know	Don't know	Don't know
## 98	Yes	Yes	Yes	Yes
## 99	Not sure	Yes	Don't know	Don't know
## 100	Not sure	No	No	Yes
## 101	Not sure	No	No	Don't know
## 102	No	No	No	Don't know
## 103	No	Yes	Yes	Yes
## 104	Yes	No	Don't know	Yes
## 105	Yes	Yes	Yes	Yes
## 106	Yes	No	Yes	Yes
## 107	Yes	No	Don't know	Don't know
## 109	No	No	Don't know	Don't know
## 110	Yes	No	No	Yes
## 111	Yes	Yes	Yes	Yes
## 112	No	No	No	Yes
## 114	Yes	No	Yes	Don't know
## 116	No	Don't know	Don't know	Yes

## 117	No	No	No	Yes
## 118	Not sure	No	No	Don't know
## 119	No	Yes	Yes	Yes
## 121	Yes	No	Yes	Yes
## 122	No	No	No	Don't know
## 123	Yes	No	No	Don't know
## 124	Yes	No	No	Don't know
## 125	Not sure	Don't know	Don't know	Don't know
## 126	No	No	No	Don't know
## 127	No	No	No	Don't know
## 128	No	No	No	Yes
## 129	Not sure	No	No	Don't know
## 131	No	Don't know	Don't know	Don't know
## 132	Yes	Yes	Yes	Yes
## 133	Not sure	Don't know	Don't know	Don't know
## 136	Yes	Yes	Yes	Don't know
## 137	No	No	No	Yes
## 138	No	No	No	No
## 139	Yes	Yes	Yes	Don't know
## 142	Not sure	No	No	Don't know
## 143	Not sure	Don't know	Don't know	Don't know
## 144	Yes	Yes	Yes	Yes
## 145	No	No	Don't know	Don't know
## 146	No	No	Don't know	Don't know
## 147	Not sure	No	No	Don't know
## 148	Yes	No	No	Don't know
## 149	Not sure	No	No	Don't know
## 150	Yes	Yes	Yes	Yes
## 151	No	No	No	Don't know
## 152	No	No	Yes	Don't know
## 153	No	No	No	Don't know
## 154	Yes	Yes	Yes	Yes
## 156	No	No	No	Don't know
## 158	No	No	No	Don't know
## 159	Not sure	Yes	Don't know	Don't know
## 160	Yes	Don't know	Don't know	Yes
## 161	No	No	No	Don't know
## 162	Not sure	No	No	Don't know
## 164	Yes	Yes	No	Don't know
## 165	Not sure	No	Don't know	Don't know
## 167	Not sure	Don't know	Don't know	Yes
## 168	No	No	No	Yes
## 170	No	No	No	Don't know
## 171	No	No	Don't know	Yes
## 172	Not sure	Don't know	Don't know	Don't know
## 173	Not sure	No	Don't know	Don't know
## 175	No	No	Don't know	Don't know
## 178	Not sure	Don't know	No	Yes
## 179	No	No	No	Don't know
## 180	No	No	No	Yes
## 181	No	No	No	Don't know
## 182	Not sure	No	No	Don't know
## 183	No	No	No	Yes
## 185	No	No	No	Don't know

## 186	No	No	No	Don't know
## 187	Yes	Yes	Yes	Yes
## 188	Not sure	No	No	Don't know
## 189	Yes	No	No	Don't know
## 190	Not sure	No	No	Don't know
## 191	Yes	No	No	Don't know
## 192	Yes	No	No	Yes
## 193	Not sure	No	Don't know	Don't know
## 195	No	No	No	Don't know
## 196	No	No	No	Don't know
## 197	No	No	No	No
## 198	Yes	Don't know	Don't know	Yes
## 199	No	Don't know	Don't know	Don't know
## 200	Yes	No	No	Yes
## 202	No	No	Don't know	Don't know
## 206	No	No	No	Don't know
## 207	Yes	No	No	Yes
## 208	Not sure	Don't know	Don't know	Don't know
## 210	Yes	No	No	Don't know
## 211	Not sure	Yes	Yes	Don't know
## 212	Not sure	No	Don't know	Don't know
## 213	Yes	No	No	Don't know
## 214	No	No	Yes	Don't know
## 215	Yes	No	Don't know	Don't know
## 216	Not sure	Don't know	Don't know	Don't know
## 217	Not sure	No	Don't know	Don't know
## 219	No	No	No	Don't know
## 220	Yes	No	Don't know	Don't know
## 222	Yes	Yes	Yes	Yes
## 223	Yes	Yes	Yes	Yes
## 224	No	No	No	Don't know
## 225	Yes	Yes	Yes	Yes
## 226	Yes	Don't know	Don't know	Yes
## 227	Yes	Yes	Yes	Yes
## 228	No	No	Don't know	Don't know
## 230	No	No	No	Don't know
## 231	Yes	Yes	Don't know	Yes
## 232	No	No	Don't know	Yes
## 234	Yes	Yes	Don't know	Yes
## 236	No	Don't know	Don't know	Don't know
## 237	No	No	No	Don't know
## 238	Not sure	Don't know	Don't know	Don't know
## 239	Yes	No	Yes	Don't know
## 241	Yes	No	No	No
## 242	No	No	No	Yes
## 243	Yes	No	No	No
## 244	Yes	No	Yes	Yes
## 247	Yes	Don't know	No	Don't know
## 248	Not sure	Don't know	Don't know	Don't know
## 249	Yes	No	No	Yes
## 250	No	No	No	Don't know
## 251	No	No	No	Don't know
## 252	No	Don't know	Don't know	Yes
## 254	Yes	No	No	Don't know

## 255	No	No	No	Don't know
## 258	Yes	Yes	Don't know	Don't know
## 259	No	No	Don't know	Don't know
## 260	Not sure	Yes	Yes	Don't know
## 261	No	No	Don't know	Don't know
## 262	Yes	No	No	Yes
## 264	No	No	No	Yes
## 265	Not sure	Don't know	Don't know	Don't know
## 266	Not sure	Don't know	Don't know	Don't know
## 267	Yes	No	No	Don't know
## 268	Yes	Yes	Don't know	Don't know
## 269	No	No	Don't know	Don't know
## 270	Yes	Don't know	Don't know	Yes
## 271	No	No	Don't know	Don't know
## 272	Not sure	Don't know	Don't know	Don't know
## 274	Yes	Yes	Don't know	Don't know
## 276	No	Yes	Yes	Don't know
## 277	Yes	Yes	Yes	Don't know
## 278	Yes	Yes	Yes	Don't know
## 279	Not sure	Don't know	Don't know	Yes
## 280	Not sure	No	Don't know	Don't know
## 281	Yes	Yes	Yes	Yes
## 282	Yes	Don't know	Yes	Don't know
## 283	No	No	Don't know	Don't know
## 284	Not sure	No	No	Don't know
## 287	Not sure	Yes	Yes	Don't know
## 288	No	No	Don't know	Don't know
## 289	Not sure	Don't know	Yes	Don't know
## 290	Yes	No	No	Don't know
## 291	Not sure	No	Don't know	Don't know
## 295	Yes	Yes	Yes	Yes
## 296	Yes	Yes	Yes	Yes
## 297	Yes	Don't know	Yes	Yes
## 298	No	No	Don't know	Don't know
## 299	Not sure	Don't know	Yes	Yes
## 300	Yes	No	Yes	Yes
## 301	No	Don't know	No	Don't know
## 303	Yes	Yes	Yes	Yes
## 304	Not sure	Don't know	Yes	Don't know
## 305	Yes	No	No	Don't know
## 306	No	No	No	Don't know
## 308	Yes	No	Don't know	Don't know
## 310	No	No	No	Don't know
## 311	Not sure	Yes	Don't know	Don't know
## 312	No	No	Don't know	Don't know
## 313	Not sure	Don't know	No	Don't know
## 317	Yes	No	No	Don't know
## 318	Not sure	Don't know	Don't know	Don't know
## 320	No	No	No	Don't know
## 321	Yes	No	No	Yes
## 322	No	No	No	Don't know
## 323	No	Yes	Yes	Don't know
## 324	No	Don't know	Don't know	Don't know
## 325	Yes	Don't know	Don't know	Don't know

## 326	Yes	Yes	Yes	Yes
## 327	No	No	Don't know	Don't know
## 328	Not sure	Don't know	Yes	Don't know
## 329	Yes	No	Don't know	Yes
## 330	Not sure	No	No	Don't know
## 331	Yes	Don't know	Yes	Yes
## 332	No	No	No	Don't know
## 335	No	No	Don't know	Don't know
## 336	No	No	Don't know	No
## 337	Yes	Yes	Yes	Yes
## 339	Not sure	No	Don't know	Don't know
## 341	Yes	No	No	Yes
## 342	No	No	Don't know	Yes
## 343	Not sure	No	No	No
## 345	No	Yes	Yes	Don't know
## 346	Yes	Yes	Yes	Yes
## 347	Yes	Yes	Yes	Yes
## 348	Not sure	Don't know	No	Don't know
## 349	Yes	Don't know	Don't know	Don't know
## 350	Yes	No	No	Yes
## 351	No	No	No	Don't know
## 352	Yes	Yes	Yes	Yes
## 353	Yes	No	Yes	Yes
## 354	Not sure	No	Don't know	Don't know
## 355	No	Yes	Yes	Yes
## 356	No	No	No	Don't know
## 357	No	No	No	Yes
## 358	No	No	No	Don't know
## 359	Yes	No	Don't know	Don't know
## 360	Yes	No	No	Don't know
## 361	Not sure	No	No	Don't know
## 362	No	Don't know	Don't know	Don't know
## 363	No	No	Don't know	Don't know
## 364	No	Don't know	Don't know	Don't know
## 366	Not sure	No	Don't know	Don't know
## 368	No	No	No	Don't know
## 369	Not sure	No	No	Don't know
## 370	Not sure	Don't know	Don't know	Yes
## 371	Yes	No	No	Don't know
## 372	Yes	No	No	Don't know
## 374	Yes	No	No	Don't know
## 375	No	No	No	Don't know
## 377	Yes	Yes	Yes	Don't know
## 379	Yes	No	No	Don't know
## 380	Not sure	No	Don't know	Don't know
## 381	Not sure	Don't know	Don't know	Don't know
## 382	No	No	No	Don't know
## 383	Not sure	Don't know	Don't know	Don't know
## 384	No	No	Don't know	Don't know
## 385	Not sure	No	No	Don't know
## 387	Yes	No	Don't know	Don't know
## 388	No	No	No	Yes
## 389	No	No	Don't know	Don't know
## 390	Yes	No	Don't know	Don't know

## 391	Not sure	No	Yes	Yes
## 392	Yes	No	No	Don't know
## 396	No	No	No	Don't know
## 397	No	No	No	Don't know
## 398	No	No	No	Yes
## 399	No	No	No	Don't know
## 400	Not sure	No	No	Don't know
## 401	No	No	Don't know	Don't know
## 404	Yes	No	Don't know	Don't know
## 405	Yes	Yes	Yes	Yes
## 406	No	No	No	Don't know
## 407	No	Yes	Don't know	Don't know
## 408	Yes	Yes	Yes	Yes
## 410	Yes	No	No	Yes
## 411	No	No	Don't know	Don't know
## 413	Yes	No	No	Don't know
## 414	Yes	Yes	No	Don't know
## 415	Yes	Yes	Yes	Don't know
## 416	Yes	No	No	Yes
## 417	Yes	Yes	Don't know	Yes
## 418	Yes	Yes	No	Don't know
## 419	Not sure	No	No	Don't know
## 420	Not sure	No	Don't know	Don't know
## 421	No	No	No	Yes
## 422	No	No	No	Yes
## 423	No	No	No	Don't know
## 426	Not sure	Yes	Yes	Don't know
## 427	Yes	No	No	Don't know
## 428	Not sure	No	No	Don't know
## 429	No	Yes	Don't know	Don't know
## 430	No	No	No	Yes
## 431	Yes	No	No	Don't know
## 432	No	No	No	No
## 433	Yes	No	No	Don't know
## 434	Yes	No	No	Yes
## 435	Yes	Yes	Yes	Yes
## 436	Yes	Yes	Yes	Yes
## 437	No	No	No	Don't know
## 438	Yes	No	Yes	Don't know
## 439	No	No	No	Don't know
## 440	Not sure	Yes	Yes	Don't know
## 441	Not sure	No	No	Don't know
## 442	No	Don't know	Don't know	Don't know
## 444	Not sure	Don't know	Don't know	Don't know
## 445	Yes	Yes	Yes	Yes
## 446	Not sure	Don't know	Don't know	Don't know
## 447	Yes	No	No	Don't know
## 448	No	No	Don't know	Don't know
## 449	Yes	Don't know	No	Don't know
## 450	Not sure	No	No	Don't know
## 451	Yes	No	No	Yes
## 453	Not sure	No	No	Don't know
## 454	No	Don't know	Don't know	Don't know
## 456	Not sure	Don't know	No	Don't know

## 457	Not sure	No	No	Don't know
## 458	Not sure	No	No	Yes
## 459	Yes	Yes	Yes	Yes
## 460	Not sure	Don't know	Don't know	Don't know
## 464	Not sure	Don't know	Yes	Don't know
## 465	Yes	No	No	Don't know
## 466	Yes	Yes	Yes	Don't know
## 467	No	Yes	No	Don't know
## 468	No	No	No	Don't know
## 469	Yes	Yes	Yes	Don't know
## 471	Yes	Yes	Yes	Don't know
## 472	No	No	No	No
## 474	Yes	Yes	Yes	Yes
## 475	Not sure	Yes	Yes	Yes
## 477	Not sure	Yes	Yes	Yes
## 478	Yes	Yes	Yes	Yes
## 479	Yes	No	No	Yes
## 480	Yes	No	No	Yes
## 481	Yes	Don't know	Yes	Don't know
## 484	Yes	Don't know	No	Yes
## 485	Yes	Yes	Yes	Yes
## 486	Yes	No	Yes	Yes
## 487	Not sure	Don't know	Don't know	Don't know
## 489	Yes	Yes	Yes	Don't know
## 490	Not sure	Don't know	No	Don't know
## 491	Yes	No	No	No
## 492	Yes	Yes	Yes	Don't know
## 493	No	No	Don't know	Don't know
## 494	No	No	No	Don't know
## 495	Yes	No	Don't know	Don't know
## 496	No	No	No	Don't know
## 497	Yes	No	No	Yes
## 498	No	No	No	Don't know
## 499	No	No	Don't know	Don't know
## 500	Not sure	No	No	Yes
## 502	Not sure	Don't know	Don't know	Don't know
## 503	No	No	Yes	Don't know
## 505	No	Don't know	No	Don't know
## 507	No	No	No	Don't know
## 508	Yes	Yes	No	Yes
## 509	Not sure	Don't know	Don't know	Don't know
## 510	Yes	Yes	Yes	Yes
## 512	Not sure	No	Don't know	Don't know
## 515	No	No	Don't know	Don't know
## 516	Not sure	Don't know	Don't know	Yes
## 517	Not sure	No	Don't know	Don't know
## 518	No	No	No	Don't know
## 519	Yes	No	No	Yes
## 520	Not sure	Yes	Don't know	Yes
## 521	No	No	Yes	Don't know
## 522	Not sure	Don't know	Don't know	Don't know
## 523	No	No	No	Don't know
## 524	Yes	No	No	Don't know
## 525	Yes	Yes	Yes	Yes

## 526	Not sure	Don't know	Yes	Don't know
## 527	Yes	No	No	Yes
## 528	Yes	No	No	Don't know
## 529	No	No	Don't know	Don't know
## 531	Not sure	No	No	Yes
## 532	Yes	No	No	Yes
## 533	No	No	No	Don't know
## 534	No	No	No	Don't know
## 536	Not sure	Yes	Yes	Yes
## 537	Yes	No	No	Yes
## 538	Not sure	No	No	Don't know
## 539	No	No	No	Don't know
## 540	Yes	Yes	No	Yes
## 541	No	No	No	Don't know
## 542	Yes	No	No	Don't know
## 543	Yes	No	No	Don't know
## 544	No	No	No	No
## 545	No	No	No	Don't know
## 546	Not sure	Yes	Yes	Don't know
## 547	Yes	Yes	Yes	Don't know
## 548	Not sure	Don't know	Don't know	Don't know
## 549	Not sure	No	No	Don't know
## 552	No	No	Don't know	Don't know
## 553	Yes	Yes	Yes	Don't know
## 555	Not sure	No	No	Yes
## 556	Yes	No	Yes	Yes
## 558	Yes	No	No	Don't know
## 559	No	No	Don't know	Don't know
## 560	Not sure	No	No	Don't know
## 562	No	No	No	Don't know
## 563	Yes	No	No	Yes
## 564	Yes	No	No	Don't know
## 565	No	No	No	Don't know
## 566	No	No	No	Don't know
## 567	Not sure	No	Yes	Don't know
## 568	No	Yes	Don't know	Don't know
## 569	Yes	No	No	Yes
## 570	Not sure	No	Don't know	Don't know
## 571	Yes	No	No	Yes
## 572	No	No	No	Don't know
## 573	Not sure	No	No	Don't know
## 574	Yes	No	No	Don't know
## 575	Yes	Yes	Yes	Yes
## 576	No	No	No	Don't know
## 577	Yes	Yes	Yes	Don't know
## 578	Yes	No	No	Don't know
## 579	Yes	No	No	Yes
## 580	Yes	No	No	Yes
## 581	Not sure	No	Don't know	Don't know
## 582	No	No	No	Don't know
## 583	Yes	No	No	Don't know
## 584	No	No	No	No
## 585	Yes	No	Don't know	Don't know
## 586	No	Yes	Don't know	Don't know

## 587	No	No	No	Don't know
## 588	No	No	No	Yes
## 592	Yes	Yes	Yes	No
## 593	Yes	No	Yes	Yes
## 594	No	No	No	Don't know
## 595	No	No	No	Don't know
## 596	No	No	No	Don't know
## 597	Yes	Yes	Yes	Don't know
## 598	No	No	No	Don't know
## 599	No	Yes	Yes	Don't know
## 600	Not sure	Don't know	Don't know	Don't know
## 601	Not sure	No	No	Don't know
## 602	No	Yes	Yes	Don't know
## 603	Not sure	Yes	Yes	Don't know
## 604	No	No	No	Don't know
## 605	Yes	No	Don't know	Yes
## 607	No	No	Don't know	Don't know
## 608	Not sure	Don't know	Don't know	Don't know
## 609	No	No	No	Don't know
## 610	No	Don't know	No	Don't know
## 613	No	No	No	Don't know
## 615	Not sure	No	Don't know	Don't know
## 617	No	No	No	Don't know
## 618	Not sure	No	Don't know	Don't know
## 620	No	No	No	Don't know
## 622	Not sure	No	Yes	Don't know
## 623	Yes	Yes	Yes	Don't know
## 624	Not sure	No	No	Don't know
## 625	Yes	Yes	Don't know	Yes
## 627	Not sure	No	Don't know	Don't know
## 628	Yes	Yes	Yes	Yes
## 629	Not sure	Yes	Yes	Yes
## 631	Not sure	Yes	Don't know	Yes
## 632	No	No	No	Don't know
## 633	No	No	No	Yes
## 637	Yes	No	No	Yes
## 643	Yes	Yes	Yes	No
## 644	Yes	Don't know	Don't know	Yes
## 645	Yes	Yes	No	Yes
## 646	Not sure	No	Yes	Don't know
## 647	No	No	No	Don't know
## 648	Not sure	No	No	Don't know
## 649	Not sure	Don't know	Don't know	Don't know
## 651	Yes	No	No	Yes
## 654	No	No	Don't know	Don't know
## 655	Yes	No	Yes	Yes
## 656	Yes	Don't know	Don't know	Don't know
## 663	No	No	No	No
## 665	No	Yes	Don't know	Don't know
## 666	Yes	No	No	Don't know
## 667	No	No	No	Don't know
## 669	No	No	No	Don't know
## 674	Not sure	No	No	Don't know
## 676	Not sure	No	No	Don't know

## 678	No	Don't know	Don't know	Don't know
## 679	Yes	No	No	Yes
## 680	No	No	No	Don't know
## 681	Yes	No	Don't know	Don't know
## 682	Yes	No	No	Don't know
## 683	Not sure	Don't know	Don't know	Don't know
## 685	Yes	Yes	Yes	Yes
## 686	Not sure	No	No	Don't know
## 688	Not sure	Don't know	Don't know	Don't know
## 689	Yes	Yes	Yes	Yes
## 690	No	No	Don't know	Don't know
## 691	Not sure	No	Don't know	Don't know
## 692	No	Yes	Don't know	Don't know
## 693	No	No	No	Yes
## 694	Yes	No	No	No
## 695	Yes	No	No	Yes
## 696	Yes	Yes	Yes	Don't know
## 697	No	No	No	Don't know
## 698	No	No	No	No
## 699	Not sure	Yes	Don't know	Don't know
## 701	Yes	Yes	Yes	Yes
## 702	Not sure	No	Don't know	Don't know
## 703	No	No	No	Don't know
## 704	Not sure	No	No	Don't know
## 705	No	No	No	Don't know
## 706	Yes	No	No	Yes
## 709	No	No	No	Yes
## 710	Yes	Yes	Yes	Yes
## 711	No	No	Don't know	Don't know
## 712	No	Yes	Yes	Don't know
## 715	No	No	Don't know	Don't know
## 716	Yes	No	No	Yes
## 717	Not sure	Don't know	Don't know	Yes
## 720	Yes	Yes	Yes	Yes
## 722	Yes	Don't know	Don't know	Yes
## 724	Not sure	No	No	Don't know
## 725	Yes	Don't know	Don't know	Don't know
## 726	Not sure	No	No	Yes
## 727	No	No	No	Yes
## 728	Not sure	Don't know	Don't know	Don't know
## 729	Yes	No	No	Don't know
## 730	No	No	Don't know	Don't know
## 731	No	Don't know	Don't know	Don't know
## 732	Yes	Yes	No	Yes
## 733	Yes	No	No	Don't know
## 737	Yes	No	No	Don't know
## 738	Yes	Yes	Yes	Yes
## 741	Yes	No	Yes	Don't know
## 742	No	No	No	Don't know
## 743	No	No	No	Don't know
## 744	No	No	No	Yes
## 745	Yes	No	No	Don't know
## 746	Not sure	Don't know	Don't know	Don't know
## 747	Not sure	No	Don't know	Don't know

## 748	Yes	Yes	Yes	Yes
## 749	Yes	No	No	No
## 750	Not sure	Yes	Yes	Yes
## 751	Not sure	Yes	Don't know	Don't know
## 752	Yes	No	No	No
## 755	No	No	No	No
## 756	Not sure	Don't know	Don't know	Don't know
## 757	Not sure	No	No	Don't know
## 758	No	No	No	Don't know
## 759	Yes	No	No	Yes
## 760	Yes	No	Yes	Yes
## 761	Not sure	No	Don't know	Don't know
## 762	Not sure	Don't know	No	Don't know
## 763	No	No	No	Don't know
## 764	No	No	No	Don't know
## 765	Yes	No	No	Yes
## 768	Yes	Yes	Yes	Yes
## 769	No	No	Don't know	Don't know
## 770	No	No	No	Don't know
## 771	Yes	No	No	Don't know
## 772	Not sure	Yes	Don't know	Don't know
## 774	No	Yes	Don't know	Yes
## 775	No	No	No	Don't know
## 776	Yes	No	No	Yes
## 777	Yes	Yes	Yes	Yes
## 778	Yes	No	No	Don't know
## 780	No	No	No	Yes
## 781	No	No	No	Don't know
## 784	Yes	Yes	Yes	Yes
## 787	No	No	No	No
## 788	No	No	No	No
## 789	Not sure	Don't know	Don't know	Don't know
## 790	No	Don't know	Don't know	Don't know
## 791	Yes	No	No	Don't know
## 792	Yes	Yes	Yes	Yes
## 794	Yes	No	No	Don't know
## 796	Yes	No	No	Yes
## 797	Yes	Don't know	Yes	Yes
## 798	No	No	No	Don't know
## 802	Not sure	No	Don't know	Don't know
## 805	No	No	Yes	Don't know
## 806	Yes	No	Don't know	Yes
## 807	Not sure	Don't know	Don't know	Don't know
## 808	Yes	Don't know	Don't know	Yes
## 809	No	Yes	Don't know	Don't know
## 810	No	No	Don't know	Don't know
## 811	Yes	No	Don't know	Don't know
## 812	No	No	No	Don't know
## 813	Not sure	No	No	Don't know
## 816	No	Yes	Yes	Don't know
## 817	Not sure	Don't know	Yes	Don't know
## 818	Yes	No	No	Don't know
## 820	No	Don't know	Yes	Don't know
## 821	Not sure	No	Don't know	Don't know

## 823	Yes	Yes	Yes	Yes
## 824	Not sure	No	No	Yes
## 825	Yes	No	No	Yes
## 826	No	No	Don't know	Don't know
## 827	No	No	No	Don't know
## 828	No	No	No	Don't know
## 829	Yes	Yes	Yes	Yes
## 831	Yes	No	No	Yes
## 832	Yes	No	Yes	Yes
## 834	Yes	Yes	No	Don't know
## 835	Yes	Don't know	Don't know	Don't know
## 836	Yes	Yes	Yes	Yes
## 837	No	No	No	Don't know
## 838	Yes	No	Yes	Don't know
## 839	No	No	No	Don't know
## 840	Yes	No	Yes	Don't know
## 841	Yes	No	No	Yes
## 842	No	No	No	Don't know
## 843	Yes	No	No	Yes
## 844	No	No	No	Yes
## 846	Not sure	No	Don't know	Don't know
## 847	Not sure	No	Don't know	Don't know
## 848	Yes	No	Yes	Yes
## 849	No	No	No	Don't know
## 851	No	Yes	No	Don't know
## 852	Not sure	No	Don't know	Don't know
## 855	No	Don't know	Don't know	Don't know
## 856	Not sure	Yes	Yes	Yes
## 857	No	No	Yes	Don't know
## 858	Yes	No	Yes	Yes
## 859	Not sure	No	No	Don't know
## 860	Not sure	No	Yes	Yes
## 861	No	No	No	Yes
## 862	No	No	Don't know	Don't know
## 864	Yes	Yes	Yes	Yes
## 865	Yes	Yes	Yes	Yes
## 866	Yes	Don't know	Don't know	Don't know
## 867	Yes	Yes	Yes	Yes
## 868	Yes	No	Don't know	Yes
## 869	Yes	Yes	Yes	Don't know
## 870	No	Don't know	Don't know	Don't know
## 871	Yes	No	No	Yes
## 873	Yes	Yes	Yes	Don't know
## 874	Yes	Don't know	Yes	Don't know
## 875	Yes	Don't know	Don't know	Yes
## 876	Yes	No	No	Yes
## 877	Yes	No	No	No
## 878	No	No	Don't know	Don't know
## 880	Not sure	Yes	No	Yes
## 881	No	No	Don't know	Don't know
## 882	Yes	Yes	Yes	Yes
## 883	Not sure	Don't know	Don't know	Don't know
## 886	Yes	No	No	Yes
## 887	No	No	No	Don't know

## 888	Not sure	No	No	Don't know
## 889	Yes	Yes	Yes	Don't know
## 890	Yes	No	No	No
## 891	No	No	No	Don't know
## 892	Not sure	Don't know	Don't know	Don't know
## 893	No	No	No	Don't know
## 894	Yes	Yes	Yes	Yes
## 895	Not sure	No	No	Don't know
## 896	Yes	No	No	No
## 897	Not sure	No	Don't know	Don't know
## 898	Yes	Yes	Yes	Yes
## 901	Yes	Yes	Yes	Yes
## 903	No	No	No	Don't know
## 904	No	No	No	Don't know
## 905	Yes	No	No	Yes
## 906	Yes	No	Yes	No
## 907	Not sure	No	Don't know	Don't know
## 908	Not sure	Yes	No	Yes
## 909	No	No	No	Don't know
## 910	Not sure	No	No	Don't know
## 911	No	No	No	No
## 912	Not sure	Yes	Yes	Yes
## 915	Yes	Yes	Don't know	Yes
## 917	No	No	No	Don't know
## 918	Not sure	No	Don't know	Don't know
## 919	Yes	No	No	Yes
## 920	Not sure	No	Don't know	Don't know
## 921	No	No	No	Don't know
## 922	Yes	No	Don't know	Yes
## 923	No	No	Don't know	Don't know
## 924	Yes	No	No	Yes
## 925	No	No	Don't know	Don't know
## 926	Yes	No	No	Yes
## 927	No	No	Don't know	Don't know
## 928	Yes	No	Yes	Yes
## 929	No	No	No	Don't know
## 930	Yes	No	No	Yes
## 933	Yes	Don't know	Don't know	Yes
## 934	Yes	No	Don't know	Don't know
## 935	Not sure	Don't know	Don't know	Don't know
## 936	Not sure	Yes	Yes	Yes
## 938	Yes	Yes	Yes	Don't know
## 939	No	No	No	Don't know
## 940	No	No	No	Don't know
## 941	No	No	No	Don't know
## 942	Yes	Yes	Yes	Yes
## 943	Yes	Yes	Yes	Don't know
## 945	No	No	No	Don't know
## 946	No	No	Don't know	Don't know
## 947	Yes	Yes	Yes	Don't know
## 948	Not sure	No	No	Don't know
## 949	Yes	Yes	No	Don't know
## 952	Not sure	Don't know	Don't know	Yes
## 953	Not sure	Yes	Don't know	Don't know

## 954	No	No	No	No
## 955	No	No	Don't know	Don't know
## 956	Yes	No	No	Don't know
## 957	No	No	No	Yes
## 959	Not sure	No	No	Don't know
## 961	No	No	No	Don't know
## 963	Yes	No	Yes	Don't know
## 964	Yes	No	No	Yes
## 965	Yes	No	No	Don't know
## 966	Not sure	No	No	Yes
## 967	Yes	Yes	Yes	Yes
## 968	Yes	Yes	Yes	Yes
## 969	Yes	No	No	Don't know
## 970	No	No	No	Don't know
## 971	Not sure	Don't know	Don't know	Don't know
## 972	No	No	Don't know	Don't know
## 973	Yes	No	Don't know	Yes
## 974	No	No	Don't know	Don't know
## 975	No	No	No	No
## 976	Not sure	Don't know	Don't know	Don't know
## 977	Yes	Don't know	Yes	Yes
## 978	No	No	No	Don't know
## 979	Not sure	No	No	Yes
## 980	No	No	No	Yes
## 981	No	No	No	Don't know
## 982	No	No	No	Don't know
## 983	Not sure	Don't know	Don't know	Don't know
## 984	Yes	No	Don't know	Don't know
## 985	Yes	Yes	Yes	Yes
## 986	No	No	No	Don't know
## 987	Not sure	No	Yes	Don't know
## 988	Yes	Yes	Yes	Don't know
## 989	No	No	No	Don't know
## 990	Yes	No	No	Don't know
## 991	Yes	Yes	Yes	Yes
## 992	Not sure	No	Don't know	Don't know
## 993	Yes	Yes	Yes	Yes
## 994	Yes	No	Don't know	Don't know
## 995	No	No	No	Yes
## 996	Yes	No	No	Yes
## 997	Not sure	Don't know	Yes	Don't know
## 998	No	No	No	Don't know
## 999	No	Yes	Don't know	Don't know
## 1000	Yes	Yes	Yes	Yes
## 1002	No	No	No	Don't know
## 1003	Not sure	Yes	Yes	Don't know
## 1004	Yes	Yes	Don't know	Yes
## 1005	Yes	Don't know	Don't know	Don't know
## 1006	Yes	No	No	Yes
## 1007	Yes	No	Don't know	Don't know
## 1008	Yes	No	No	Don't know
## 1009	Yes	Yes	Don't know	Yes
## 1010	No	No	Yes	Yes
## 1011	Yes	No	No	No

## 1012	No	No	No	Don't know
## 1013	Not sure	Yes	Don't know	Don't know
## 1015	No	No	Don't know	Don't know
## 1017	Not sure	No	No	Don't know
## 1018	Yes	No	No	No
## 1019	No	No	No	Don't know
## 1020	No	No	No	Don't know
## 1021	Yes	No	Don't know	Don't know
## 1022	No	No	No	Don't know
## 1023	No	Don't know	Don't know	Don't know
## 1024	Yes	Don't know	Don't know	Don't know
## 1025	No	No	No	No
## 1026	No	No	No	Yes
## 1028	No	Don't know	Don't know	Don't know
## 1030	Yes	No	No	Yes
## 1031	Not sure	No	Don't know	Don't know
## 1032	Yes	No	Don't know	Don't know
## 1033	Yes	Yes	Yes	Yes
## 1034	Yes	No	No	Don't know
## 1035	Yes	Yes	Yes	Yes
## 1036	No	No	Yes	Don't know
## 1037	Not sure	No	Don't know	Don't know
## 1038	No	Don't know	Don't know	Don't know
## 1040	No	No	No	Don't know
## 1041	Not sure	Don't know	Don't know	Don't know
## 1043	No	No	No	Yes
## 1045	Yes	No	No	Don't know
## 1047	Yes	No	No	Yes
## 1048	No	No	No	Yes
## 1049	No	No	No	Yes
## 1051	Not sure	No	No	Don't know
## 1052	No	No	Don't know	Don't know
## 1054	No	No	No	Don't know
## 1055	Not sure	Don't know	Don't know	Don't know
## 1056	No	No	No	Yes
## 1057	Yes	No	Yes	Don't know
## 1058	Not sure	No	Don't know	Don't know
## 1059	Yes	Yes	Yes	Yes
## 1060	No	No	No	Don't know
## 1061	Not sure	No	Don't know	Don't know
## 1062	Yes	Yes	Yes	Yes
## 1063	Not sure	No	No	Don't know
## 1064	Not sure	No	No	Don't know
## 1065	Not sure	Don't know	Don't know	Don't know
## 1066	Not sure	No	Don't know	Don't know
## 1067	Yes	No	No	Don't know
## 1068	Yes	No	No	Don't know
## 1069	No	No	Yes	Don't know
## 1071	No	No	Don't know	Don't know
## 1072	Yes	No	No	Yes
## 1073	No	Yes	Don't know	Don't know
## 1074	Yes	Yes	Yes	Don't know
## 1075	Yes	No	Don't know	Don't know
## 1078	Yes	No	Yes	Yes

## 1079	No	No	No	Don't know
## 1081	No	No	No	Don't know
## 1082	No	No	Don't know	Don't know
## 1083	Yes	No	No	Yes
## 1084	Yes	Yes	Yes	Yes
## 1085	Not sure	Don't know	Yes	Don't know
## 1086	No	No	No	Yes
## 1087	Yes	No	No	Don't know
## 1088	Not sure	Don't know	Don't know	Don't know
## 1089	Not sure	Don't know	Don't know	Don't know
## 1090	No	No	No	Don't know
## 1091	Yes	No	No	Yes
## 1092	Yes	No	Yes	Yes
## 1093	Not sure	Yes	Yes	Yes
## 1094	No	No	No	Don't know
## 1096	Yes	Yes	No	Yes
## 1097	No	No	No	No
## 1098	No	No	No	Don't know
## 1099	Not sure	No	Don't know	Don't know
## 1101	Yes	No	No	Don't know
## 1102	No	No	No	Don't know
## 1104	No	No	No	Don't know
## 1105	No	No	No	Don't know
## 1106	Not sure	No	No	Don't know
## 1107	Yes	No	No	No
## 1109	Not sure	No	No	Don't know
## 1110	Yes	No	Yes	Yes
## 1111	Yes	No	No	Yes
## 1113	Not sure	No	Yes	Don't know
## 1114	Yes	No	No	No
## 1116	No	Yes	Yes	Yes
## 1117	No	No	No	Don't know
## 1118	Not sure	Don't know	Don't know	Don't know
## 1119	Yes	Don't know	Yes	No
## 1120	No	No	No	Don't know
## 1121	Yes	No	Yes	Don't know
## 1122	Yes	Yes	No	Don't know
## 1124	Yes	Don't know	Yes	Yes
## 1125	Yes	No	No	Don't know
## 1126	Yes	No	Yes	Yes
## 1127	No	No	No	Don't know
## 1128	Yes	Yes	Yes	Yes
## 1129	Yes	No	No	Don't know
## 1130	No	No	Don't know	Don't know
## 1131	Yes	Yes	Don't know	Don't know
## 1132	No	Yes	Don't know	Don't know
## 1133	Yes	No	No	Yes
## 1134	Yes	Yes	Yes	Yes
## 1135	No	No	No	Don't know
## 1136	No	No	No	Yes
## 1137	No	No	Don't know	Don't know
## 1138	Yes	No	Yes	Don't know
## 1140	Yes	Yes	Yes	Yes
## 1141	Not sure	Don't know	Yes	Don't know

## 1142	No	No	Don't know	Don't know
## 1143	Yes	Don't know	No	Yes
## 1144	Not sure	Yes	Yes	Don't know
## 1145	Yes	Yes	No	Yes
## 1146	No	Yes	Yes	Don't know
## 1148	Yes	No	No	Yes
## 1149	Yes	No	No	Don't know
## 1151	Yes	No	No	Yes
## 1152	No	No	No	Don't know
##	medical_leave_easy	mh_negative_consequence_flag		
## 18	Very easy		No	
## 20	Somewhat difficult		Maybe	
## 21	Somewhat difficult		No	
## 22	Don't know		Maybe	
## 23	Don't know		Maybe	
## 24	Don't know		No	
## 25	Very easy		Yes	
## 27	Don't know		No	
## 28	Somewhat difficult		No	
## 29	Very difficult		Yes	
## 30	Don't know		Yes	
## 31	Somewhat difficult		Yes	
## 32	Somewhat easy		Maybe	
## 33	Very easy		Maybe	
## 34	Don't know		Maybe	
## 35	Very easy		No	
## 36	Very easy		Yes	
## 38	Very easy		No	
## 39	Don't know		Maybe	
## 41	Very difficult		Maybe	
## 42	Somewhat difficult		Yes	
## 43	Don't know		No	
## 44	Somewhat easy		No	
## 47	Don't know		No	
## 48	Don't know		Maybe	
## 49	Very difficult		Maybe	
## 52	Don't know		Maybe	
## 53	Don't know		Maybe	
## 55	Don't know		No	
## 57	Somewhat difficult		Yes	
## 58	Don't know		Yes	
## 59	Somewhat easy		No	
## 61	Somewhat easy		No	
## 62	Don't know		Yes	
## 63	Very easy		No	
## 64	Don't know		Maybe	
## 66	Don't know		Maybe	
## 67	Don't know		Maybe	
## 68	Somewhat easy		No	
## 69	Somewhat difficult		Maybe	
## 71	Don't know		Maybe	
## 74	Somewhat difficult		No	
## 75	Somewhat difficult		Yes	
## 76	Very easy		No	

## 77	Don't know	No
## 78	Very easy	No
## 79	Don't know	No
## 80	Very easy	Maybe
## 81	Don't know	Yes
## 83	Very difficult	Maybe
## 84	Don't know	Yes
## 85	Don't know	Maybe
## 87	Somewhat easy	No
## 88	Very difficult	No
## 90	Don't know	Maybe
## 91	Don't know	No
## 92	Somewhat easy	Maybe
## 93	Somewhat easy	Maybe
## 94	Somewhat easy	No
## 95	Very difficult	Yes
## 96	Don't know	Maybe
## 98	Somewhat easy	No
## 99	Somewhat easy	No
## 100	Somewhat easy	No
## 101	Somewhat easy	No
## 102	Don't know	Maybe
## 103	Somewhat difficult	Maybe
## 104	Don't know	Yes
## 105	Somewhat easy	No
## 106	Very easy	No
## 107	Don't know	Maybe
## 109	Very easy	No
## 110	Very difficult	Yes
## 111	Very easy	Maybe
## 112	Very easy	No
## 114	Don't know	Yes
## 116	Very easy	No
## 117	Don't know	Maybe
## 118	Very difficult	Maybe
## 119	Don't know	Yes
## 121	Don't know	Yes
## 122	Somewhat easy	Maybe
## 123	Very easy	Maybe
## 124	Very difficult	Maybe
## 125	Don't know	No
## 126	Don't know	No
## 127	Don't know	Yes
## 128	Very easy	No
## 129	Somewhat easy	No
## 131	Don't know	Maybe
## 132	Very difficult	Yes
## 133	Don't know	Yes
## 136	Somewhat easy	Maybe
## 137	Don't know	Maybe
## 138	Somewhat easy	Yes
## 139	Somewhat easy	Yes
## 142	Very easy	No
## 143	Don't know	No

## 144	Somewhat difficult	Yes
## 145	Somewhat difficult	Maybe
## 146	Don't know	No
## 147	Don't know	Yes
## 148	Somewhat difficult	Maybe
## 149	Very easy	Maybe
## 150	Somewhat easy	Maybe
## 151	Don't know	Yes
## 152	Don't know	No
## 153	Don't know	Maybe
## 154	Very difficult	No
## 156	Very easy	Maybe
## 158	Very difficult	Yes
## 159	Very easy	Maybe
## 160	Somewhat easy	No
## 161	Don't know	Maybe
## 162	Very difficult	Yes
## 164	Somewhat easy	No
## 165	Don't know	Maybe
## 167	Very easy	No
## 168	Somewhat difficult	No
## 170	Somewhat easy	Maybe
## 171	Somewhat easy	No
## 172	Don't know	Yes
## 173	Very difficult	Yes
## 175	Somewhat easy	Maybe
## 178	Somewhat easy	Maybe
## 179	Somewhat easy	Maybe
## 180	Don't know	No
## 181	Very difficult	Yes
## 182	Don't know	Maybe
## 183	Somewhat easy	No
## 185	Don't know	Maybe
## 186	Very easy	No
## 187	Somewhat easy	Maybe
## 188	Very difficult	Maybe
## 189	Very difficult	Yes
## 190	Somewhat difficult	Yes
## 191	Somewhat difficult	No
## 192	Somewhat easy	Maybe
## 193	Don't know	No
## 195	Don't know	Yes
## 196	Don't know	Yes
## 197	Don't know	Yes
## 198	Very easy	No
## 199	Very difficult	No
## 200	Very difficult	No
## 202	Somewhat difficult	Maybe
## 206	Don't know	No
## 207	Very difficult	Yes
## 208	Don't know	No
## 210	Very difficult	No
## 211	Somewhat difficult	Yes
## 212	Very easy	Maybe

## 213	Don't know	Maybe
## 214	Don't know	Maybe
## 215	Don't know	Maybe
## 216	Very difficult	Yes
## 217	Don't know	Maybe
## 219	Somewhat difficult	Yes
## 220	Don't know	Maybe
## 222	Somewhat easy	No
## 223	Don't know	No
## 224	Somewhat difficult	Maybe
## 225	Somewhat easy	No
## 226	Somewhat easy	No
## 227	Don't know	Yes
## 228	Don't know	Maybe
## 230	Don't know	Maybe
## 231	Don't know	Maybe
## 232	Somewhat easy	Maybe
## 234	Very easy	No
## 236	Don't know	No
## 237	Somewhat difficult	Yes
## 238	Don't know	Maybe
## 239	Somewhat easy	No
## 241	Very difficult	Yes
## 242	Don't know	Maybe
## 243	Very difficult	Yes
## 244	Don't know	No
## 247	Very easy	No
## 248	Very easy	Maybe
## 249	Don't know	Maybe
## 250	Very easy	No
## 251	Somewhat difficult	No
## 252	Don't know	No
## 254	Somewhat easy	Maybe
## 255	Don't know	Yes
## 258	Very easy	Maybe
## 259	Don't know	Maybe
## 260	Somewhat easy	Maybe
## 261	Don't know	Yes
## 262	Somewhat difficult	Yes
## 264	Somewhat easy	Maybe
## 265	Don't know	Maybe
## 266	Very easy	No
## 267	Don't know	No
## 268	Somewhat easy	Maybe
## 269	Don't know	Yes
## 270	Don't know	Maybe
## 271	Don't know	Maybe
## 272	Don't know	No
## 274	Very easy	No
## 276	Don't know	Yes
## 277	Don't know	No
## 278	Don't know	No
## 279	Somewhat easy	No
## 280	Don't know	No

## 281	Somewhat easy	Yes
## 282	Somewhat easy	No
## 283	Don't know	Maybe
## 284	Somewhat easy	Maybe
## 287	Don't know	Maybe
## 288	Somewhat difficult	Yes
## 289	Don't know	No
## 290	Somewhat easy	Maybe
## 291	Don't know	Yes
## 295	Very easy	No
## 296	Somewhat easy	Maybe
## 297	Somewhat easy	No
## 298	Don't know	Yes
## 299	Somewhat easy	No
## 300	Don't know	Maybe
## 301	Don't know	Maybe
## 303	Somewhat easy	Maybe
## 304	Don't know	No
## 305	Don't know	Maybe
## 306	Somewhat difficult	Yes
## 308	Don't know	Yes
## 310	Very difficult	No
## 311	Very easy	No
## 312	Don't know	Yes
## 313	Very easy	Maybe
## 317	Very difficult	Yes
## 318	Very easy	Yes
## 320	Don't know	Yes
## 321	Don't know	No
## 322	Don't know	No
## 323	Don't know	No
## 324	Don't know	Maybe
## 325	Don't know	Maybe
## 326	Don't know	No
## 327	Very easy	No
## 328	Don't know	Maybe
## 329	Don't know	No
## 330	Don't know	Maybe
## 331	Don't know	Maybe
## 332	Somewhat easy	Yes
## 335	Somewhat difficult	No
## 336	Don't know	Maybe
## 337	Don't know	No
## 339	Somewhat difficult	Maybe
## 341	Very easy	No
## 342	Don't know	No
## 343	Very easy	Yes
## 345	Somewhat difficult	Maybe
## 346	Very easy	No
## 347	Somewhat easy	Maybe
## 348	Somewhat easy	Yes
## 349	Don't know	Maybe
## 350	Don't know	Yes
## 351	Don't know	Maybe

## 352	Very difficult	Maybe
## 353	Don't know	Maybe
## 354	Somewhat easy	No
## 355	Don't know	No
## 356	Don't know	No
## 357	Somewhat easy	No
## 358	Don't know	Yes
## 359	Don't know	Maybe
## 360	Very difficult	Yes
## 361	Somewhat difficult	Yes
## 362	Somewhat easy	Maybe
## 363	Somewhat easy	Yes
## 364	Very easy	No
## 366	Don't know	Maybe
## 368	Very difficult	Maybe
## 369	Don't know	Maybe
## 370	Somewhat easy	Maybe
## 371	Somewhat difficult	Maybe
## 372	Don't know	Maybe
## 374	Very difficult	Maybe
## 375	Very easy	Maybe
## 377	Don't know	Yes
## 379	Somewhat easy	Yes
## 380	Very difficult	Yes
## 381	Don't know	No
## 382	Don't know	Yes
## 383	Somewhat difficult	No
## 384	Somewhat easy	Maybe
## 385	Somewhat difficult	No
## 387	Don't know	Yes
## 388	Very easy	No
## 389	Somewhat easy	No
## 390	Don't know	Maybe
## 391	Don't know	No
## 392	Somewhat difficult	Yes
## 396	Somewhat easy	Maybe
## 397	Very easy	Yes
## 398	Somewhat easy	Yes
## 399	Don't know	Maybe
## 400	Somewhat difficult	Maybe
## 401	Don't know	No
## 404	Don't know	Maybe
## 405	Somewhat easy	No
## 406	Don't know	Maybe
## 407	Somewhat easy	Maybe
## 408	Don't know	Maybe
## 410	Very easy	No
## 411	Don't know	Yes
## 413	Somewhat difficult	Yes
## 414	Don't know	No
## 415	Don't know	Maybe
## 416	Very easy	No
## 417	Don't know	Yes
## 418	Very difficult	Yes

## 419	Don't know	Yes
## 420	Don't know	Yes
## 421	Somewhat easy	No
## 422	Don't know	Yes
## 423	Don't know	Maybe
## 426	Very easy	Maybe
## 427	Somewhat easy	Yes
## 428	Somewhat difficult	Maybe
## 429	Somewhat easy	Yes
## 430	Somewhat easy	Maybe
## 431	Don't know	Maybe
## 432	Very difficult	Yes
## 433	Don't know	Maybe
## 434	Don't know	Yes
## 435	Very easy	No
## 436	Somewhat easy	Maybe
## 437	Very difficult	Yes
## 438	Don't know	Yes
## 439	Very difficult	Maybe
## 440	Don't know	Maybe
## 441	Somewhat difficult	Yes
## 442	Don't know	No
## 444	Don't know	No
## 445	Somewhat easy	Yes
## 446	Don't know	Maybe
## 447	Don't know	Maybe
## 448	Don't know	Maybe
## 449	Somewhat easy	Maybe
## 450	Don't know	Yes
## 451	Very easy	No
## 453	Don't know	No
## 454	Don't know	No
## 456	Don't know	Maybe
## 457	Somewhat difficult	Yes
## 458	Somewhat difficult	Yes
## 459	Very easy	No
## 460	Somewhat easy	No
## 464	Don't know	No
## 465	Don't know	Yes
## 466	Don't know	Maybe
## 467	Very difficult	Maybe
## 468	Don't know	No
## 469	Very easy	No
## 471	Very easy	No
## 472	Somewhat easy	Maybe
## 474	Very easy	No
## 475	Don't know	Yes
## 477	Don't know	No
## 478	Very easy	Maybe
## 479	Very easy	Yes
## 480	Very easy	Maybe
## 481	Don't know	Maybe
## 484	Somewhat difficult	Maybe
## 485	Very easy	Maybe

## 486	Very easy	No
## 487	Don't know	Maybe
## 489	Somewhat easy	No
## 490	Don't know	Yes
## 491	Somewhat difficult	Yes
## 492	Somewhat easy	Yes
## 493	Don't know	Maybe
## 494	Don't know	Maybe
## 495	Don't know	No
## 496	Somewhat difficult	Maybe
## 497	Somewhat easy	No
## 498	Don't know	No
## 499	Don't know	Yes
## 500	Somewhat difficult	Yes
## 502	Very easy	No
## 503	Somewhat difficult	Yes
## 505	Somewhat easy	Maybe
## 507	Don't know	Maybe
## 508	Somewhat easy	Maybe
## 509	Don't know	Maybe
## 510	Very easy	No
## 512	Somewhat easy	No
## 515	Don't know	No
## 516	Very easy	No
## 517	Don't know	No
## 518	Somewhat difficult	No
## 519	Somewhat difficult	Maybe
## 520	Don't know	Yes
## 521	Somewhat easy	No
## 522	Somewhat easy	Maybe
## 523	Don't know	Maybe
## 524	Don't know	Maybe
## 525	Somewhat easy	Maybe
## 526	Don't know	No
## 527	Somewhat difficult	No
## 528	Don't know	No
## 529	Somewhat easy	No
## 531	Very easy	No
## 532	Very difficult	Yes
## 533	Don't know	Maybe
## 534	Don't know	Maybe
## 536	Somewhat difficult	Maybe
## 537	Very easy	No
## 538	Somewhat easy	Maybe
## 539	Don't know	Maybe
## 540	Don't know	Maybe
## 541	Somewhat easy	Maybe
## 542	Somewhat easy	No
## 543	Don't know	Maybe
## 544	Somewhat difficult	Yes
## 545	Don't know	Maybe
## 546	Don't know	Maybe
## 547	Don't know	No
## 548	Don't know	No

## 549	Somewhat difficult	Yes
## 552	Somewhat difficult	Yes
## 553	Don't know	No
## 555	Somewhat difficult	Yes
## 556	Somewhat difficult	No
## 558	Don't know	Maybe
## 559	Don't know	Yes
## 560	Don't know	Maybe
## 562	Don't know	Yes
## 563	Somewhat easy	No
## 564	Very easy	No
## 565	Don't know	Maybe
## 566	Very easy	Yes
## 567	Somewhat difficult	No
## 568	Don't know	No
## 569	Very difficult	Yes
## 570	Don't know	Maybe
## 571	Very easy	No
## 572	Somewhat easy	No
## 573	Don't know	No
## 574	Very easy	Maybe
## 575	Somewhat easy	Yes
## 576	Don't know	No
## 577	Somewhat difficult	Maybe
## 578	Somewhat difficult	Yes
## 579	Somewhat easy	No
## 580	Very difficult	Yes
## 581	Don't know	Yes
## 582	Don't know	Maybe
## 583	Don't know	Yes
## 584	Very easy	No
## 585	Somewhat easy	Maybe
## 586	Very easy	No
## 587	Somewhat easy	No
## 588	Somewhat easy	No
## 592	Somewhat difficult	Yes
## 593	Somewhat difficult	Yes
## 594	Don't know	Yes
## 595	Don't know	Maybe
## 596	Very easy	No
## 597	Somewhat easy	No
## 598	Don't know	No
## 599	Don't know	No
## 600	Don't know	Maybe
## 601	Very easy	No
## 602	Don't know	Yes
## 603	Very easy	Maybe
## 604	Don't know	No
## 605	Don't know	Maybe
## 607	Don't know	No
## 608	Don't know	Maybe
## 609	Somewhat difficult	Maybe
## 610	Very difficult	Maybe
## 613	Don't know	Maybe

## 615	Don't know	Maybe
## 617	Don't know	Maybe
## 618	Don't know	No
## 620	Don't know	Yes
## 622	Very easy	No
## 623	Don't know	No
## 624	Somewhat difficult	Maybe
## 625	Somewhat easy	No
## 627	Don't know	Yes
## 628	Somewhat easy	No
## 629	Somewhat easy	Maybe
## 631	Very easy	No
## 632	Somewhat easy	Maybe
## 633	Somewhat easy	No
## 637	Very easy	No
## 643	Very difficult	No
## 644	Don't know	Maybe
## 645	Somewhat easy	No
## 646	Somewhat easy	Yes
## 647	Don't know	Maybe
## 648	Don't know	Yes
## 649	Very easy	No
## 651	Very easy	No
## 654	Very easy	No
## 655	Don't know	Maybe
## 656	Very difficult	Yes
## 663	Very difficult	Yes
## 665	Don't know	Yes
## 666	Don't know	No
## 667	Very easy	Maybe
## 669	Don't know	Yes
## 674	Very easy	No
## 676	Don't know	Maybe
## 678	Don't know	Yes
## 679	Very easy	No
## 680	Very easy	No
## 681	Somewhat easy	Maybe
## 682	Very difficult	Maybe
## 683	Don't know	No
## 685	Very easy	No
## 686	Somewhat difficult	No
## 688	Don't know	Maybe
## 689	Very easy	No
## 690	Don't know	Maybe
## 691	Don't know	Maybe
## 692	Somewhat difficult	Yes
## 693	Somewhat easy	Maybe
## 694	Don't know	Yes
## 695	Somewhat easy	No
## 696	Don't know	Maybe
## 697	Very easy	No
## 698	Very difficult	Yes
## 699	Somewhat easy	Yes
## 701	Somewhat easy	Maybe

## 702	Somewhat easy	No
## 703	Don't know	Maybe
## 704	Somewhat easy	No
## 705	Don't know	Maybe
## 706	Very easy	Maybe
## 709	Somewhat easy	Yes
## 710	Very easy	Yes
## 711	Don't know	Maybe
## 712	Don't know	No
## 715	Don't know	No
## 716	Somewhat difficult	No
## 717	Very easy	No
## 720	Don't know	Maybe
## 722	Don't know	Maybe
## 724	Somewhat easy	No
## 725	Don't know	Maybe
## 726	Somewhat difficult	Yes
## 727	Very difficult	Yes
## 728	Very difficult	Yes
## 729	Somewhat easy	Maybe
## 730	Don't know	Yes
## 731	Very easy	Maybe
## 732	Very easy	Yes
## 733	Very easy	No
## 737	Somewhat difficult	Yes
## 738	Don't know	Maybe
## 741	Don't know	Maybe
## 742	Don't know	Maybe
## 743	Somewhat difficult	No
## 744	Very difficult	Yes
## 745	Don't know	Maybe
## 746	Don't know	Maybe
## 747	Don't know	Yes
## 748	Very difficult	Maybe
## 749	Very easy	Yes
## 750	Very easy	No
## 751	Don't know	Yes
## 752	Very difficult	Yes
## 755	Very difficult	Yes
## 756	Don't know	No
## 757	Somewhat easy	Yes
## 758	Don't know	Maybe
## 759	Don't know	No
## 760	Very easy	Maybe
## 761	Don't know	Maybe
## 762	Don't know	No
## 763	Don't know	Yes
## 764	Somewhat difficult	Maybe
## 765	Very easy	No
## 768	Somewhat difficult	No
## 769	Very difficult	Maybe
## 770	Somewhat difficult	No
## 771	Somewhat difficult	No
## 772	Don't know	Maybe

## 774	Don't know	Maybe
## 775	Very easy	No
## 776	Very easy	No
## 777	Don't know	No
## 778	Somewhat easy	Maybe
## 780	Somewhat easy	Maybe
## 781	Very difficult	Yes
## 784	Very easy	No
## 787	Don't know	Yes
## 788	Don't know	Yes
## 789	Somewhat difficult	No
## 790	Don't know	Maybe
## 791	Very difficult	Yes
## 792	Somewhat easy	Yes
## 794	Somewhat easy	Maybe
## 796	Somewhat easy	No
## 797	Somewhat easy	No
## 798	Somewhat difficult	Maybe
## 802	Very difficult	Yes
## 805	Somewhat easy	Yes
## 806	Very easy	Maybe
## 807	Don't know	Maybe
## 808	Very easy	No
## 809	Don't know	Maybe
## 810	Somewhat difficult	No
## 811	Don't know	Maybe
## 812	Don't know	Maybe
## 813	Don't know	No
## 816	Don't know	Maybe
## 817	Don't know	Maybe
## 818	Very difficult	Yes
## 820	Very difficult	Yes
## 821	Don't know	Maybe
## 823	Somewhat easy	No
## 824	Somewhat difficult	Maybe
## 825	Somewhat easy	No
## 826	Somewhat easy	No
## 827	Don't know	Yes
## 828	Very difficult	Yes
## 829	Very easy	Maybe
## 831	Somewhat difficult	No
## 832	Somewhat difficult	Yes
## 834	Don't know	Yes
## 835	Don't know	Maybe
## 836	Don't know	Maybe
## 837	Somewhat easy	Yes
## 838	Don't know	Maybe
## 839	Very easy	No
## 840	Somewhat easy	No
## 841	Somewhat easy	No
## 842	Somewhat difficult	Yes
## 843	Somewhat easy	Maybe
## 844	Somewhat difficult	No
## 846	Don't know	Yes

## 847	Somewhat easy	No
## 848	Somewhat difficult	Maybe
## 849	Don't know	Maybe
## 851	Don't know	Yes
## 852	Don't know	Maybe
## 855	Very easy	No
## 856	Somewhat difficult	Maybe
## 857	Very easy	No
## 858	Very difficult	Yes
## 859	Very difficult	Yes
## 860	Very difficult	Maybe
## 861	Very difficult	Maybe
## 862	Don't know	Yes
## 864	Somewhat easy	Maybe
## 865	Somewhat difficult	Maybe
## 866	Don't know	Maybe
## 867	Very difficult	Yes
## 868	Somewhat easy	Maybe
## 869	Don't know	Yes
## 870	Somewhat easy	Maybe
## 871	Don't know	Yes
## 873	Somewhat easy	No
## 874	Very difficult	Maybe
## 875	Very easy	Maybe
## 876	Very easy	No
## 877	Somewhat easy	Yes
## 878	Don't know	Yes
## 880	Somewhat easy	No
## 881	Don't know	Yes
## 882	Very easy	No
## 883	Don't know	No
## 886	Somewhat easy	No
## 887	Somewhat difficult	Yes
## 888	Don't know	Maybe
## 889	Somewhat easy	Yes
## 890	Very difficult	Yes
## 891	Very easy	Maybe
## 892	Very easy	No
## 893	Don't know	Maybe
## 894	Very easy	No
## 895	Very difficult	Yes
## 896	Very difficult	Yes
## 897	Don't know	No
## 898	Don't know	No
## 901	Somewhat easy	Maybe
## 903	Somewhat easy	Maybe
## 904	Don't know	Maybe
## 905	Somewhat easy	Yes
## 906	Somewhat easy	Yes
## 907	Don't know	Maybe
## 908	Very easy	No
## 909	Very easy	No
## 910	Somewhat difficult	Yes
## 911	Somewhat difficult	Yes

## 912	Somewhat easy	No
## 915	Very easy	No
## 917	Don't know	Yes
## 918	Somewhat easy	No
## 919	Very easy	Maybe
## 920	Don't know	Yes
## 921	Don't know	Yes
## 922	Somewhat easy	No
## 923	Don't know	Maybe
## 924	Very easy	No
## 925	Don't know	Maybe
## 926	Very easy	Yes
## 927	Very easy	Maybe
## 928	Very easy	No
## 929	Don't know	Yes
## 930	Somewhat easy	No
## 933	Somewhat easy	Maybe
## 934	Somewhat difficult	Yes
## 935	Don't know	No
## 936	Don't know	Yes
## 938	Don't know	Yes
## 939	Don't know	Maybe
## 940	Somewhat easy	Yes
## 941	Somewhat easy	No
## 942	Somewhat easy	Maybe
## 943	Somewhat easy	No
## 945	Somewhat easy	Maybe
## 946	Don't know	Maybe
## 947	Don't know	Maybe
## 948	Don't know	No
## 949	Don't know	Yes
## 952	Don't know	No
## 953	Don't know	Yes
## 954	Very difficult	Yes
## 955	Don't know	Yes
## 956	Don't know	Maybe
## 957	Don't know	No
## 959	Very easy	No
## 961	Somewhat easy	Yes
## 963	Don't know	Yes
## 964	Don't know	Maybe
## 965	Don't know	Maybe
## 966	Don't know	Maybe
## 967	Very difficult	No
## 968	Somewhat difficult	No
## 969	Don't know	No
## 970	Somewhat difficult	Yes
## 971	Very easy	No
## 972	Don't know	Maybe
## 973	Very easy	No
## 974	Don't know	Maybe
## 975	Very easy	Maybe
## 976	Don't know	Maybe
## 977	Very easy	No

## 978	Somewhat easy	No
## 979	Very difficult	Maybe
## 980	Somewhat difficult	No
## 981	Somewhat easy	Maybe
## 982	Somewhat easy	Maybe
## 983	Somewhat easy	Maybe
## 984	Somewhat difficult	Maybe
## 985	Don't know	Maybe
## 986	Don't know	Maybe
## 987	Don't know	Maybe
## 988	Don't know	Maybe
## 989	Don't know	No
## 990	Somewhat easy	Maybe
## 991	Don't know	Yes
## 992	Don't know	Maybe
## 993	Very difficult	Maybe
## 994	Don't know	Yes
## 995	Very difficult	Maybe
## 996	Very easy	Maybe
## 997	Very difficult	No
## 998	Somewhat difficult	Yes
## 999	Somewhat easy	No
## 1000	Somewhat easy	Maybe
## 1002	Somewhat difficult	No
## 1003	Don't know	Yes
## 1004	Don't know	No
## 1005	Don't know	Maybe
## 1006	Very easy	No
## 1007	Somewhat easy	Maybe
## 1008	Very difficult	Yes
## 1009	Don't know	Yes
## 1010	Very easy	No
## 1011	Very difficult	No
## 1012	Very easy	No
## 1013	Somewhat difficult	Maybe
## 1015	Don't know	No
## 1017	Don't know	Maybe
## 1018	Very difficult	Yes
## 1019	Somewhat easy	No
## 1020	Don't know	Yes
## 1021	Somewhat easy	Maybe
## 1022	Don't know	Maybe
## 1023	Very easy	No
## 1024	Don't know	Yes
## 1025	Very easy	Maybe
## 1026	Somewhat easy	Maybe
## 1028	Very easy	No
## 1030	Don't know	Maybe
## 1031	Very easy	Maybe
## 1032	Don't know	Yes
## 1033	Somewhat easy	Yes
## 1034	Don't know	Yes
## 1035	Very easy	No
## 1036	Don't know	Maybe

## 1037	Very easy	Maybe
## 1038	Don't know	No
## 1040	Don't know	Maybe
## 1041	Don't know	No
## 1043	Somewhat easy	Maybe
## 1045	Don't know	Yes
## 1047	Somewhat easy	Maybe
## 1048	Somewhat easy	Maybe
## 1049	Very easy	No
## 1051	Somewhat easy	Maybe
## 1052	Don't know	Maybe
## 1054	Don't know	Maybe
## 1055	Very easy	No
## 1056	Very easy	Maybe
## 1057	Somewhat easy	Yes
## 1058	Don't know	Maybe
## 1059	Somewhat difficult	Maybe
## 1060	Don't know	Yes
## 1061	Don't know	No
## 1062	Very easy	No
## 1063	Somewhat easy	Yes
## 1064	Very easy	No
## 1065	Very easy	Yes
## 1066	Somewhat easy	No
## 1067	Don't know	No
## 1068	Don't know	Yes
## 1069	Don't know	Maybe
## 1071	Somewhat easy	Maybe
## 1072	Don't know	Maybe
## 1073	Don't know	Maybe
## 1074	Don't know	Maybe
## 1075	Don't know	Maybe
## 1078	Somewhat easy	No
## 1079	Very difficult	Maybe
## 1081	Don't know	Maybe
## 1082	Don't know	No
## 1083	Don't know	Maybe
## 1084	Don't know	Maybe
## 1085	Somewhat easy	Maybe
## 1086	Don't know	Maybe
## 1087	Very difficult	Yes
## 1088	Don't know	No
## 1089	Don't know	Maybe
## 1090	Don't know	Maybe
## 1091	Don't know	Maybe
## 1092	Don't know	Maybe
## 1093	Don't know	Maybe
## 1094	Somewhat easy	No
## 1096	Don't know	Yes
## 1097	Don't know	Maybe
## 1098	Somewhat difficult	Yes
## 1099	Very difficult	Yes
## 1101	Don't know	Yes
## 1102	Somewhat easy	Yes

## 1104	Don't know	Maybe
## 1105	Somewhat easy	No
## 1106	Somewhat easy	Maybe
## 1107	Very easy	Maybe
## 1109	Don't know	Yes
## 1110	Somewhat difficult	Maybe
## 1111	Don't know	Maybe
## 1113	Don't know	No
## 1114	Somewhat difficult	Yes
## 1116	Very easy	No
## 1117	Don't know	Maybe
## 1118	Don't know	No
## 1119	Somewhat easy	No
## 1120	Somewhat easy	Maybe
## 1121	Somewhat easy	Maybe
## 1122	Don't know	No
## 1124	Don't know	Maybe
## 1125	Somewhat easy	Yes
## 1126	Very easy	No
## 1127	Don't know	Maybe
## 1128	Very easy	No
## 1129	Don't know	No
## 1130	Don't know	Yes
## 1131	Don't know	Maybe
## 1132	Somewhat easy	Maybe
## 1133	Don't know	Yes
## 1134	Somewhat easy	Yes
## 1135	Don't know	Maybe
## 1136	Somewhat easy	No
## 1137	Don't know	Maybe
## 1138	Don't know	No
## 1140	Don't know	Maybe
## 1141	Somewhat easy	No
## 1142	Don't know	Yes
## 1143	Very easy	No
## 1144	Don't know	No
## 1145	Don't know	Yes
## 1146	Somewhat easy	Maybe
## 1148	Somewhat difficult	No
## 1149	Somewhat difficult	Yes
## 1151	Don't know	Maybe
## 1152	Don't know	Yes
##	ph_negative_consequence_flag mh_disscuss_coworker	
## 18	No	Yes
## 20	No	Some of them
## 21	No	Some of them
## 22	No	Some of them
## 23	No	No
## 24	No	Yes
## 25	No	Some of them
## 27	No	Yes
## 28	No	Some of them
## 29	Maybe	Some of them
## 30	Yes	Some of them

## 31	No	No
## 32	No	Some of them
## 33	No	Some of them
## 34	No	Some of them
## 35	No	Yes
## 36	Maybe	Some of them
## 38	No	Yes
## 39	Maybe	Some of them
## 41	No	Some of them
## 42	Maybe	No
## 43	No	No
## 44	No	Some of them
## 47	No	Yes
## 48	No	Some of them
## 49	No	No
## 52	No	Some of them
## 53	No	No
## 55	Maybe	Some of them
## 57	No	No
## 58	Maybe	Some of them
## 59	No	Yes
## 61	No	Some of them
## 62	Maybe	Some of them
## 63	No	Some of them
## 64	No	Some of them
## 66	No	Some of them
## 67	No	Some of them
## 68	No	Some of them
## 69	No	Yes
## 71	No	Some of them
## 74	No	Yes
## 75	No	Some of them
## 76	No	Some of them
## 77	No	Yes
## 78	No	Some of them
## 79	No	Some of them
## 80	Maybe	Some of them
## 81	No	No
## 83	No	Some of them
## 84	Maybe	Some of them
## 85	No	Some of them
## 87	No	Some of them
## 88	No	Yes
## 90	No	Some of them
## 91	No	Yes
## 92	Maybe	Some of them
## 93	No	Some of them
## 94	No	Yes
## 95	No	No
## 96	Maybe	No
## 98	No	Some of them
## 99	No	Some of them
## 100	No	Some of them
## 101	No	Some of them

## 102	No	No
## 103	No	Some of them
## 104	No	No
## 105	No	Some of them
## 106	No	Yes
## 107	No	Some of them
## 109	No	Some of them
## 110	No	Some of them
## 111	No	Some of them
## 112	No	Some of them
## 114	Yes	No
## 116	No	Yes
## 117	No	No
## 118	No	Some of them
## 119	No	Some of them
## 121	No	No
## 122	Maybe	No
## 123	No	Yes
## 124	No	Yes
## 125	No	Yes
## 126	No	Some of them
## 127	Maybe	No
## 128	No	Some of them
## 129	No	Yes
## 131	No	Some of them
## 132	Yes	Some of them
## 133	No	Some of them
## 136	Maybe	Some of them
## 137	Maybe	No
## 138	Yes	No
## 139	No	Some of them
## 142	No	Some of them
## 143	No	Some of them
## 144	Maybe	Some of them
## 145	No	Some of them
## 146	No	No
## 147	Maybe	Some of them
## 148	No	Some of them
## 149	No	Some of them
## 150	Maybe	Some of them
## 151	Yes	Some of them
## 152	No	Some of them
## 153	No	Some of them
## 154	No	Some of them
## 156	No	Some of them
## 158	No	No
## 159	Maybe	Some of them
## 160	No	Yes
## 161	No	Some of them
## 162	Maybe	No
## 164	No	Some of them
## 165	No	No
## 167	No	Yes
## 168	No	Yes

## 170	Maybe	Some of them
## 171	No	Yes
## 172	Yes	Some of them
## 173	Maybe	No
## 175	No	Some of them
## 178	No	No
## 179	Maybe	Some of them
## 180	No	Some of them
## 181	Yes	Some of them
## 182	Maybe	Some of them
## 183	No	Some of them
## 185	Maybe	Some of them
## 186	No	Some of them
## 187	No	Some of them
## 188	Maybe	Some of them
## 189	No	No
## 190	Maybe	No
## 191	No	Some of them
## 192	No	Yes
## 193	No	Some of them
## 195	Maybe	Some of them
## 196	No	No
## 197	Maybe	Some of them
## 198	No	Yes
## 199	No	Some of them
## 200	No	Some of them
## 202	No	Some of them
## 206	No	Some of them
## 207	No	No
## 208	No	No
## 210	No	Some of them
## 211	Yes	No
## 212	No	Some of them
## 213	No	Some of them
## 214	No	Some of them
## 215	Maybe	Some of them
## 216	No	No
## 217	Maybe	Some of them
## 219	Maybe	No
## 220	No	Some of them
## 222	No	Some of them
## 223	No	Some of them
## 224	No	Some of them
## 225	No	Some of them
## 226	No	Some of them
## 227	Maybe	No
## 228	No	No
## 230	No	Yes
## 231	No	Some of them
## 232	No	Some of them
## 234	No	Some of them
## 236	No	Yes
## 237	No	No
## 238	Maybe	Some of them

## 239	No	Some of them
## 241	Maybe	No
## 242	Maybe	Yes
## 243	Yes	Some of them
## 244	No	Yes
## 247	No	Yes
## 248	Maybe	Yes
## 249	No	Some of them
## 250	No	Yes
## 251	No	Some of them
## 252	No	Some of them
## 254	Maybe	Yes
## 255	No	No
## 258	No	Some of them
## 259	No	Some of them
## 260	No	Some of them
## 261	No	No
## 262	No	No
## 264	Maybe	Yes
## 265	No	Some of them
## 266	No	Some of them
## 267	Maybe	Some of them
## 268	No	Some of them
## 269	Maybe	Some of them
## 270	No	Some of them
## 271	No	Some of them
## 272	Maybe	Yes
## 274	No	Yes
## 276	No	No
## 277	No	Some of them
## 278	No	Some of them
## 279	No	Yes
## 280	No	Some of them
## 281	No	Some of them
## 282	No	Some of them
## 283	No	Some of them
## 284	No	Some of them
## 287	No	Some of them
## 288	Maybe	No
## 289	No	Some of them
## 290	No	Some of them
## 291	No	No
## 295	No	Some of them
## 296	No	No
## 297	No	Some of them
## 298	No	Some of them
## 299	No	Some of them
## 300	No	Some of them
## 301	No	No
## 303	Maybe	No
## 304	No	Yes
## 305	No	Some of them
## 306	Yes	No
## 308	Maybe	Some of them

## 310	No	No
## 311	No	Some of them
## 312	Maybe	No
## 313	Maybe	Some of them
## 317	Maybe	Some of them
## 318	No	No
## 320	Maybe	No
## 321	No	Some of them
## 322	No	Yes
## 323	No	No
## 324	No	Some of them
## 325	No	Some of them
## 326	No	No
## 327	No	Some of them
## 328	No	Some of them
## 329	No	Some of them
## 330	No	Some of them
## 331	Maybe	No
## 332	Yes	Some of them
## 335	No	Yes
## 336	No	Some of them
## 337	No	Some of them
## 339	Maybe	No
## 341	No	Some of them
## 342	No	Yes
## 343	No	Some of them
## 345	No	Yes
## 346	No	Yes
## 347	No	Some of them
## 348	No	Some of them
## 349	No	No
## 350	Maybe	No
## 351	No	Some of them
## 352	Maybe	Some of them
## 353	No	No
## 354	No	Some of them
## 355	No	Some of them
## 356	No	Yes
## 357	No	Yes
## 358	Yes	Some of them
## 359	Maybe	No
## 360	No	Some of them
## 361	No	Some of them
## 362	Maybe	No
## 363	No	Some of them
## 364	No	Yes
## 366	No	Some of them
## 368	Maybe	Some of them
## 369	No	No
## 370	No	Some of them
## 371	No	Some of them
## 372	No	Some of them
## 374	Maybe	Some of them
## 375	No	Some of them

## 377	Maybe	Yes
## 379	No	No
## 380	Maybe	No
## 381	No	Some of them
## 382	Maybe	No
## 383	No	Some of them
## 384	No	Some of them
## 385	No	Yes
## 387	Maybe	No
## 388	No	Yes
## 389	No	Some of them
## 390	No	No
## 391	No	Some of them
## 392	No	Some of them
## 396	No	Some of them
## 397	No	No
## 398	Maybe	Some of them
## 399	No	Yes
## 400	Maybe	Some of them
## 401	No	Some of them
## 404	No	Some of them
## 405	No	Yes
## 406	Maybe	No
## 407	No	No
## 408	No	Some of them
## 410	No	Yes
## 411	No	Some of them
## 413	Maybe	Some of them
## 414	No	Some of them
## 415	Maybe	Some of them
## 416	No	Yes
## 417	Maybe	No
## 418	No	Some of them
## 419	Yes	Some of them
## 420	No	No
## 421	No	Yes
## 422	No	No
## 423	No	Some of them
## 426	No	Some of them
## 427	Maybe	Some of them
## 428	Maybe	Some of them
## 429	No	Some of them
## 430	Maybe	Some of them
## 431	No	Some of them
## 432	Maybe	No
## 433	No	Yes
## 434	No	Some of them
## 435	No	Some of them
## 436	No	Some of them
## 437	No	No
## 438	No	Some of them
## 439	No	Some of them
## 440	Maybe	No
## 441	Maybe	Some of them

## 442	Maybe	Yes
## 444	No	Yes
## 445	Maybe	No
## 446	Maybe	Some of them
## 447	No	Some of them
## 448	No	No
## 449	No	Some of them
## 450	Maybe	Some of them
## 451	No	Yes
## 453	No	Some of them
## 454	No	Some of them
## 456	No	Some of them
## 457	Maybe	Some of them
## 458	No	Some of them
## 459	No	Yes
## 460	No	Some of them
## 464	No	Yes
## 465	Maybe	No
## 466	No	Some of them
## 467	No	Yes
## 468	No	Yes
## 469	No	Some of them
## 471	No	Some of them
## 472	No	Some of them
## 474	No	Yes
## 475	No	No
## 477	No	Some of them
## 478	No	Yes
## 479	Yes	Some of them
## 480	Maybe	Yes
## 481	No	Some of them
## 484	No	Some of them
## 485	Maybe	Some of them
## 486	No	No
## 487	Maybe	Some of them
## 489	No	Yes
## 490	Maybe	No
## 491	No	Some of them
## 492	No	Some of them
## 493	No	No
## 494	Maybe	Some of them
## 495	No	Some of them
## 496	No	No
## 497	No	Yes
## 498	No	Yes
## 499	Yes	Some of them
## 500	Yes	Some of them
## 502	No	Yes
## 503	No	Some of them
## 505	No	Some of them
## 507	No	Some of them
## 508	No	Some of them
## 509	No	Some of them
## 510	No	Some of them

## 512	No	Some of them
## 515	No	Some of them
## 516	No	Some of them
## 517	No	Some of them
## 518	No	Some of them
## 519	No	Some of them
## 520	Maybe	Yes
## 521	No	Yes
## 522	No	No
## 523	Maybe	Some of them
## 524	No	Some of them
## 525	Maybe	Yes
## 526	No	Some of them
## 527	No	Yes
## 528	No	No
## 529	No	Yes
## 531	No	Some of them
## 532	No	Some of them
## 533	No	Some of them
## 534	Maybe	Some of them
## 536	No	Some of them
## 537	No	Some of them
## 538	Maybe	Yes
## 539	No	Some of them
## 540	No	Some of them
## 541	No	Yes
## 542	No	Yes
## 543	No	Some of them
## 544	No	Some of them
## 545	Maybe	Some of them
## 546	No	Some of them
## 547	No	Some of them
## 548	No	Some of them
## 549	Maybe	No
## 552	Yes	Some of them
## 553	No	Some of them
## 555	Yes	No
## 556	No	Yes
## 558	Maybe	Some of them
## 559	Maybe	Some of them
## 560	Yes	Some of them
## 562	No	No
## 563	No	Some of them
## 564	No	Some of them
## 565	No	Some of them
## 566	Maybe	Some of them
## 567	No	Yes
## 568	No	Some of them
## 569	No	Some of them
## 570	Maybe	Some of them
## 571	No	Some of them
## 572	No	Some of them
## 573	Maybe	Some of them
## 574	No	Some of them

## 575	Maybe	No
## 576	No	Some of them
## 577	No	No
## 578	Maybe	Some of them
## 579	No	Some of them
## 580	Maybe	Some of them
## 581	No	Some of them
## 582	No	No
## 583	Maybe	Some of them
## 584	No	Yes
## 585	No	Some of them
## 586	No	Some of them
## 587	No	Some of them
## 588	No	Some of them
## 592	No	Some of them
## 593	Maybe	No
## 594	Maybe	No
## 595	No	Some of them
## 596	No	Some of them
## 597	No	Yes
## 598	No	No
## 599	No	Some of them
## 600	Maybe	No
## 601	No	Some of them
## 602	Maybe	No
## 603	No	No
## 604	No	Some of them
## 605	No	Some of them
## 607	No	Some of them
## 608	Maybe	Some of them
## 609	No	Some of them
## 610	Maybe	Some of them
## 613	Maybe	No
## 615	No	No
## 617	Maybe	Some of them
## 618	No	Some of them
## 620	No	No
## 622	No	Yes
## 623	No	Some of them
## 624	Maybe	No
## 625	No	No
## 627	Maybe	No
## 628	No	Some of them
## 629	Maybe	Some of them
## 631	No	Yes
## 632	Maybe	Some of them
## 633	No	Yes
## 637	No	No
## 643	No	Yes
## 644	No	Yes
## 645	No	Some of them
## 646	No	No
## 647	No	Yes
## 648	Yes	Some of them

## 649	No	Yes
## 651	No	Yes
## 654	No	Some of them
## 655	No	Some of them
## 656	Maybe	Some of them
## 663	No	Some of them
## 665	No	Some of them
## 666	No	Some of them
## 667	Maybe	Some of them
## 669	No	Yes
## 674	No	Yes
## 676	No	Some of them
## 678	Maybe	No
## 679	No	Some of them
## 680	No	No
## 681	No	Some of them
## 682	Maybe	Some of them
## 683	No	Some of them
## 685	No	Some of them
## 686	No	Some of them
## 688	No	Some of them
## 689	No	Some of them
## 690	No	Some of them
## 691	No	No
## 692	Maybe	No
## 693	Maybe	No
## 694	No	Some of them
## 695	No	No
## 696	Maybe	Yes
## 697	No	Yes
## 698	Yes	No
## 699	No	Some of them
## 701	Yes	Some of them
## 702	No	Some of them
## 703	Maybe	Some of them
## 704	No	Some of them
## 705	Maybe	Some of them
## 706	Maybe	Yes
## 709	No	Some of them
## 710	No	Some of them
## 711	No	No
## 712	No	Yes
## 715	No	Yes
## 716	No	Yes
## 717	No	Some of them
## 720	No	Some of them
## 722	No	Some of them
## 724	No	Some of them
## 725	Maybe	Some of them
## 726	No	Some of them
## 727	Maybe	No
## 728	Maybe	Some of them
## 729	No	Some of them
## 730	No	Some of them

## 731	No	Some of them
## 732	Maybe	Yes
## 733	No	Some of them
## 737	Maybe	Some of them
## 738	No	Some of them
## 741	No	Some of them
## 742	No	Some of them
## 743	No	Some of them
## 744	No	Some of them
## 745	Maybe	Some of them
## 746	No	Some of them
## 747	No	No
## 748	No	Some of them
## 749	Yes	Some of them
## 750	No	Some of them
## 751	Maybe	Some of them
## 752	Yes	No
## 755	Yes	No
## 756	No	Some of them
## 757	Maybe	Some of them
## 758	No	Some of them
## 759	No	Some of them
## 760	No	Some of them
## 761	No	Some of them
## 762	No	Yes
## 763	No	No
## 764	No	Some of them
## 765	No	Some of them
## 768	No	Some of them
## 769	No	Some of them
## 770	No	Yes
## 771	No	Yes
## 772	No	Some of them
## 774	No	Some of them
## 775	No	Yes
## 776	No	Yes
## 777	No	Some of them
## 778	No	No
## 780	No	Some of them
## 781	Maybe	Some of them
## 784	No	Yes
## 787	Maybe	Some of them
## 788	Maybe	Some of them
## 789	No	Yes
## 790	No	Some of them
## 791	No	Some of them
## 792	Maybe	No
## 794	Maybe	Some of them
## 796	No	Some of them
## 797	No	Yes
## 798	No	Some of them
## 802	No	No
## 805	Maybe	No
## 806	No	No

## 807	No	Some of them
## 808	No	Some of them
## 809	No	Some of them
## 810	No	Some of them
## 811	Maybe	Some of them
## 812	No	No
## 813	No	Some of them
## 816	Maybe	Some of them
## 817	Maybe	Some of them
## 818	No	Some of them
## 820	Yes	Some of them
## 821	Maybe	Some of them
## 823	No	Some of them
## 824	Maybe	Some of them
## 825	No	Some of them
## 826	No	Some of them
## 827	Maybe	No
## 828	Yes	Some of them
## 829	Maybe	Some of them
## 831	No	Some of them
## 832	Maybe	No
## 834	Yes	No
## 835	No	No
## 836	Maybe	Yes
## 837	No	Some of them
## 838	Maybe	Some of them
## 839	No	Yes
## 840	No	Yes
## 841	No	Some of them
## 842	Maybe	Some of them
## 843	Maybe	Some of them
## 844	No	Some of them
## 846	Yes	No
## 847	No	Some of them
## 848	No	Some of them
## 849	Maybe	Some of them
## 851	Maybe	No
## 852	No	No
## 855	No	Some of them
## 856	Maybe	Some of them
## 857	No	Some of them
## 858	Maybe	Some of them
## 859	Yes	No
## 860	No	Some of them
## 861	No	No
## 862	Maybe	No
## 864	No	Some of them
## 865	Maybe	Some of them
## 866	No	Some of them
## 867	No	Some of them
## 868	No	Some of them
## 869	No	Some of them
## 870	No	Some of them
## 871	No	Some of them

## 873	No	Yes
## 874	Maybe	Some of them
## 875	No	Some of them
## 876	No	Yes
## 877	Maybe	Some of them
## 878	Maybe	Some of them
## 880	No	Some of them
## 881	Maybe	No
## 882	No	Yes
## 883	No	Some of them
## 886	No	Some of them
## 887	Maybe	Yes
## 888	No	Some of them
## 889	Maybe	No
## 890	Maybe	Some of them
## 891	No	Some of them
## 892	No	Yes
## 893	No	Some of them
## 894	No	Some of them
## 895	Maybe	No
## 896	Yes	No
## 897	No	Yes
## 898	No	Yes
## 901	Maybe	Some of them
## 903	Maybe	Yes
## 904	Maybe	Some of them
## 905	Maybe	Some of them
## 906	Yes	Some of them
## 907	No	Some of them
## 908	No	Yes
## 909	No	Yes
## 910	Yes	No
## 911	No	No
## 912	No	No
## 915	No	Some of them
## 917	No	No
## 918	No	Some of them
## 919	No	Some of them
## 920	Yes	No
## 921	No	No
## 922	No	Yes
## 923	No	Some of them
## 924	No	Yes
## 925	No	Some of them
## 926	Yes	Some of them
## 927	No	Yes
## 928	No	Yes
## 929	No	Some of them
## 930	No	Some of them
## 933	No	No
## 934	Maybe	Some of them
## 935	No	Some of them
## 936	Maybe	Some of them
## 938	No	Some of them

## 939	No	Some of them
## 940	No	Some of them
## 941	No	Some of them
## 942	Maybe	Some of them
## 943	No	Yes
## 945	No	Some of them
## 946	Maybe	Some of them
## 947	No	Some of them
## 948	No	Some of them
## 949	Yes	No
## 952	No	Yes
## 953	Maybe	Some of them
## 954	No	No
## 955	Maybe	No
## 956	No	No
## 957	No	Yes
## 959	No	Some of them
## 961	No	Some of them
## 963	No	No
## 964	No	Some of them
## 965	No	Some of them
## 966	No	Some of them
## 967	No	Some of them
## 968	No	Yes
## 969	No	Some of them
## 970	No	No
## 971	No	Some of them
## 972	No	Some of them
## 973	No	Some of them
## 974	No	Some of them
## 975	No	Some of them
## 976	No	Some of them
## 977	No	Some of them
## 978	No	Some of them
## 979	No	Some of them
## 980	No	No
## 981	No	Some of them
## 982	No	Yes
## 983	Maybe	No
## 984	No	No
## 985	No	Some of them
## 986	Maybe	Some of them
## 987	No	No
## 988	Maybe	Some of them
## 989	No	Some of them
## 990	No	Some of them
## 991	Yes	No
## 992	Maybe	Some of them
## 993	No	Yes
## 994	Maybe	No
## 995	No	Some of them
## 996	No	Yes
## 997	Maybe	Yes
## 998	No	No

## 999	No	Some of them
## 1000	Maybe	Some of them
## 1002	No	Yes
## 1003	Maybe	Some of them
## 1004	No	Some of them
## 1005	No	Some of them
## 1006	No	Some of them
## 1007	No	Some of them
## 1008	No	Yes
## 1009	No	No
## 1010	No	No
## 1011	No	No
## 1012	No	Yes
## 1013	No	Some of them
## 1015	No	Yes
## 1017	No	Some of them
## 1018	Yes	No
## 1019	No	Yes
## 1020	Maybe	Some of them
## 1021	No	No
## 1022	Maybe	Some of them
## 1023	No	Yes
## 1024	No	No
## 1025	Maybe	Some of them
## 1026	Maybe	Yes
## 1028	No	Yes
## 1030	No	No
## 1031	No	Yes
## 1032	Maybe	No
## 1033	No	No
## 1034	Yes	No
## 1035	No	Some of them
## 1036	No	Some of them
## 1037	No	Some of them
## 1038	No	Some of them
## 1040	No	Yes
## 1041	No	Some of them
## 1043	No	Some of them
## 1045	No	Some of them
## 1047	Maybe	Some of them
## 1048	No	Yes
## 1049	No	Some of them
## 1051	No	No
## 1052	No	Some of them
## 1054	No	No
## 1055	No	Some of them
## 1056	Maybe	Some of them
## 1057	No	No
## 1058	No	No
## 1059	Maybe	Some of them
## 1060	Maybe	Some of them
## 1061	No	Yes
## 1062	No	Some of them
## 1063	No	Some of them

## 1064	No	Yes
## 1065	Yes	Some of them
## 1066	No	Some of them
## 1067	No	No
## 1068	No	Some of them
## 1069	Yes	Some of them
## 1071	No	Some of them
## 1072	No	Some of them
## 1073	No	Yes
## 1074	No	Some of them
## 1075	No	Some of them
## 1078	No	Yes
## 1079	No	Yes
## 1081	Maybe	No
## 1082	No	Some of them
## 1083	Maybe	Some of them
## 1084	No	Some of them
## 1085	Maybe	Some of them
## 1086	Maybe	Some of them
## 1087	Maybe	Some of them
## 1088	No	Some of them
## 1089	Maybe	No
## 1090	No	Some of them
## 1091	No	Some of them
## 1092	No	Some of them
## 1093	No	No
## 1094	No	Some of them
## 1096	Yes	Some of them
## 1097	No	Some of them
## 1098	Maybe	Some of them
## 1099	Maybe	Some of them
## 1101	No	No
## 1102	Yes	Some of them
## 1104	No	Some of them
## 1105	No	Some of them
## 1106	No	Some of them
## 1107	Maybe	Some of them
## 1109	No	Yes
## 1110	Maybe	Some of them
## 1111	No	Some of them
## 1113	No	Some of them
## 1114	Yes	Some of them
## 1116	No	Yes
## 1117	No	Some of them
## 1118	No	Some of them
## 1119	No	Yes
## 1120	No	Some of them
## 1121	No	Some of them
## 1122	No	Yes
## 1124	No	Some of them
## 1125	No	Some of them
## 1126	No	Yes
## 1127	Maybe	Some of them
## 1128	No	Yes

## 1129	No	Yes
## 1130	Maybe	No
## 1131	No	Yes
## 1132	Maybe	Some of them
## 1133	Maybe	No
## 1134	Maybe	Some of them
## 1135	No	Yes
## 1136	No	Some of them
## 1137	No	No
## 1138	No	Some of them
## 1140	Maybe	No
## 1141	No	No
## 1142	Maybe	No
## 1143	No	Yes
## 1144	No	Some of them
## 1145	No	Some of them
## 1146	Maybe	Some of them
## 1148	No	Some of them
## 1149	Yes	No
## 1151	No	Some of them
## 1152	No	Some of them
##	mh_disscuss_supervisor	interview_mh_bringup interview_ph_bringup
## 18	Yes	No Yes
## 20	Some of them	No No
## 21	Some of them	No Maybe
## 22	Yes	No Maybe
## 23	No	No Yes
## 24	Yes	No Yes
## 25	Yes	No Yes
## 27	Yes	Maybe Maybe
## 28	No	No No
## 29	No	No Maybe
## 30	Some of them	No Maybe
## 31	No	No No
## 32	Yes	No Yes
## 33	Some of them	Maybe Yes
## 34	No	No Maybe
## 35	Yes	Maybe Maybe
## 36	No	No No
## 38	Yes	Maybe Maybe
## 39	No	No Yes
## 41	No	No No
## 42	Some of them	No No
## 43	No	No Maybe
## 44	Yes	No No
## 47	Yes	No No
## 48	Yes	No No
## 49	No	No Maybe
## 52	Yes	No No
## 53	No	No No
## 55	Yes	Yes Yes
## 57	No	No Maybe
## 58	No	No Maybe
## 59	Yes	Maybe Maybe

## 61	Yes	No	Maybe
## 62	No	No	No
## 63	Yes	No	Maybe
## 64	Some of them	Maybe	Yes
## 66	No	No	No
## 67	Some of them	No	No
## 68	Yes	No	No
## 69	Yes	No	No
## 71	Some of them	No	Maybe
## 74	Yes	Maybe	Maybe
## 75	No	No	Yes
## 76	Some of them	Maybe	Yes
## 77	Some of them	Maybe	Maybe
## 78	Yes	Maybe	Maybe
## 79	Yes	No	No
## 80	Yes	No	Maybe
## 81	No	No	Maybe
## 83	No	No	Maybe
## 84	Some of them	No	No
## 85	Some of them	No	Maybe
## 87	Yes	No	No
## 88	Yes	Yes	Yes
## 90	Yes	No	Maybe
## 91	Yes	Maybe	Maybe
## 92	No	No	Maybe
## 93	No	No	Maybe
## 94	Yes	Maybe	Maybe
## 95	No	No	Maybe
## 96	Some of them	No	No
## 98	Yes	Maybe	Maybe
## 99	Yes	No	No
## 100	Yes	No	No
## 101	Yes	No	Maybe
## 102	No	No	No
## 103	Yes	No	Maybe
## 104	No	No	Yes
## 105	Some of them	No	Maybe
## 106	Yes	Yes	Yes
## 107	Some of them	No	No
## 109	Some of them	No	No
## 110	Yes	No	Maybe
## 111	Yes	No	No
## 112	No	No	No
## 114	No	No	No
## 116	Yes	No	Maybe
## 117	No	No	No
## 118	Yes	No	Maybe
## 119	No	No	Yes
## 121	Yes	No	No
## 122	No	No	No
## 123	Some of them	No	Yes
## 124	Some of them	No	Yes
## 125	Yes	Maybe	Maybe
## 126	Yes	Maybe	Yes

## 127	No	No	No
## 128	Yes	Maybe	Maybe
## 129	Yes	No	No
## 131	Yes	No	No
## 132	No	No	Maybe
## 133	No	No	Maybe
## 136	Yes	Maybe	Maybe
## 137	Some of them	No	No
## 138	No	No	No
## 139	No	No	No
## 142	Some of them	No	Maybe
## 143	Some of them	Maybe	Maybe
## 144	No	No	Yes
## 145	Some of them	No	Maybe
## 146	Some of them	No	Maybe
## 147	Yes	No	Maybe
## 148	Yes	No	No
## 149	No	No	No
## 150	Some of them	No	Maybe
## 151	Some of them	No	No
## 152	Some of them	No	No
## 153	Yes	No	No
## 154	Yes	No	Yes
## 156	Some of them	No	Maybe
## 158	No	No	Maybe
## 159	Some of them	No	Maybe
## 160	Yes	No	No
## 161	Yes	No	Maybe
## 162	No	Maybe	Maybe
## 164	Yes	No	No
## 165	Some of them	No	Maybe
## 167	Yes	No	No
## 168	Yes	No	No
## 170	Some of them	No	No
## 171	Yes	Maybe	Maybe
## 172	Some of them	No	No
## 173	No	No	No
## 175	Yes	Maybe	Yes
## 178	No	No	No
## 179	No	No	Maybe
## 180	Yes	No	No
## 181	No	No	No
## 182	No	No	No
## 183	Yes	No	Maybe
## 185	No	No	Maybe
## 186	Some of them	No	No
## 187	Yes	No	No
## 188	Some of them	Maybe	Maybe
## 189	No	No	Yes
## 190	No	No	No
## 191	Some of them	Maybe	Maybe
## 192	Yes	No	Maybe
## 193	Yes	No	No
## 195	Yes	No	Maybe

## 196	No	No	Maybe
## 197	Some of them	No	Maybe
## 198	Yes	No	Yes
## 199	No	No	No
## 200	Yes	Maybe	Yes
## 202	No	No	No
## 206	Some of them	No	Maybe
## 207	Some of them	No	No
## 208	Yes	No	Yes
## 210	Yes	No	Maybe
## 211	No	No	Maybe
## 212	No	Maybe	Maybe
## 213	Some of them	No	Maybe
## 214	Some of them	No	Maybe
## 215	No	Maybe	Maybe
## 216	No	No	Maybe
## 217	Yes	No	Maybe
## 219	No	No	Maybe
## 220	Some of them	No	Yes
## 222	Some of them	No	Maybe
## 223	Yes	No	No
## 224	Some of them	No	Maybe
## 225	Yes	No	No
## 226	Yes	Maybe	Maybe
## 227	No	No	Maybe
## 228	No	No	Maybe
## 230	Yes	No	Yes
## 231	No	Maybe	Yes
## 232	Some of them	No	Yes
## 234	Yes	No	Maybe
## 236	Yes	Maybe	Maybe
## 237	No	No	Maybe
## 238	Some of them	No	Maybe
## 239	Yes	No	No
## 241	No	No	Yes
## 242	No	No	Maybe
## 243	Some of them	No	Maybe
## 244	Yes	Maybe	No
## 247	Yes	Yes	Yes
## 248	Some of them	Maybe	Maybe
## 249	Some of them	No	Yes
## 250	Yes	No	No
## 251	Some of them	No	Maybe
## 252	Yes	Maybe	Maybe
## 254	Some of them	No	No
## 255	No	No	Maybe
## 258	Some of them	No	No
## 259	No	No	Maybe
## 260	Yes	No	Yes
## 261	No	No	Maybe
## 262	Some of them	No	Maybe
## 264	Yes	Yes	Yes
## 265	Some of them	No	No
## 266	Some of them	No	Maybe

## 267	No	No	No
## 268	No	No	No
## 269	Some of them	No	No
## 270	Some of them	No	Maybe
## 271	Some of them	No	No
## 272	Some of them	No	Maybe
## 274	Yes	No	Yes
## 276	No	No	Maybe
## 277	Yes	Maybe	Maybe
## 278	Some of them	No	No
## 279	Yes	No	No
## 280	Yes	No	Maybe
## 281	Yes	No	No
## 282	Yes	No	No
## 283	Some of them	Maybe	Maybe
## 284	Yes	No	No
## 287	Yes	No	Maybe
## 288	No	No	Maybe
## 289	Yes	No	No
## 290	Yes	No	No
## 291	No	No	No
## 295	Yes	Maybe	Maybe
## 296	Some of them	No	No
## 297	Yes	Maybe	Maybe
## 298	Some of them	No	Maybe
## 299	Yes	Maybe	Maybe
## 300	No	No	Maybe
## 301	No	No	No
## 303	Some of them	No	No
## 304	Yes	No	No
## 305	Some of them	No	Maybe
## 306	No	Maybe	No
## 308	No	No	No
## 310	No	No	No
## 311	Some of them	Maybe	Maybe
## 312	No	No	Maybe
## 313	Some of them	No	No
## 317	Some of them	No	Maybe
## 318	No	No	Maybe
## 320	No	No	Maybe
## 321	Yes	No	No
## 322	Yes	Maybe	Yes
## 323	Yes	No	No
## 324	No	No	Maybe
## 325	Some of them	No	No
## 326	No	No	Yes
## 327	Yes	No	Maybe
## 328	No	No	No
## 329	No	No	No
## 330	Some of them	No	No
## 331	No	No	No
## 332	Some of them	No	Maybe
## 335	Yes	No	Maybe
## 336	Yes	No	Yes

## 337	Yes	No	Yes
## 339	No	No	No
## 341	Some of them	No	No
## 342	Yes	Maybe	Maybe
## 343	No	No	Maybe
## 345	Some of them	No	Maybe
## 346	Yes	No	No
## 347	Yes	No	Maybe
## 348	No	No	Yes
## 349	Some of them	No	Maybe
## 350	No	No	No
## 351	Yes	No	No
## 352	Some of them	No	No
## 353	No	No	No
## 354	Some of them	No	No
## 355	Yes	No	Maybe
## 356	Yes	No	No
## 357	Yes	No	Yes
## 358	No	No	No
## 359	Yes	No	No
## 360	No	No	Maybe
## 361	No	No	Maybe
## 362	No	No	No
## 363	No	No	No
## 364	Yes	No	No
## 366	Some of them	No	No
## 368	Yes	No	Maybe
## 369	Some of them	No	Maybe
## 370	Some of them	No	Maybe
## 371	Yes	No	No
## 372	No	No	Maybe
## 374	Some of them	No	Maybe
## 375	Some of them	Maybe	Maybe
## 377	Some of them	No	No
## 379	No	No	No
## 380	No	No	Maybe
## 381	Some of them	No	Maybe
## 382	No	No	Yes
## 383	Some of them	No	No
## 384	Yes	No	No
## 385	Yes	Maybe	Maybe
## 387	No	No	No
## 388	Yes	No	No
## 389	Yes	No	No
## 390	No	No	No
## 391	Some of them	Maybe	Maybe
## 392	Some of them	No	Maybe
## 396	Yes	No	No
## 397	Some of them	No	Yes
## 398	Some of them	Yes	Yes
## 399	Yes	No	Maybe
## 400	Some of them	No	No
## 401	Yes	No	No
## 404	No	No	Maybe

## 405	Yes	Maybe	Maybe
## 406	No	No	Maybe
## 407	No	No	No
## 408	Yes	Maybe	Yes
## 410	Yes	No	No
## 411	Some of them	No	Maybe
## 413	Some of them	No	No
## 414	Yes	No	No
## 415	Some of them	No	No
## 416	Yes	Maybe	Maybe
## 417	Some of them	No	Maybe
## 418	No	No	No
## 419	No	No	No
## 420	No	No	Yes
## 421	Yes	Maybe	Yes
## 422	No	No	Maybe
## 423	No	No	Yes
## 426	Yes	No	No
## 427	No	No	No
## 428	No	No	Maybe
## 429	Yes	No	Maybe
## 430	Yes	No	Maybe
## 431	Yes	No	Maybe
## 432	Some of them	No	Maybe
## 433	Yes	Maybe	Maybe
## 434	No	No	Maybe
## 435	Yes	No	No
## 436	Yes	No	Yes
## 437	No	No	Maybe
## 438	Some of them	No	Maybe
## 439	Yes	No	Maybe
## 440	No	No	Maybe
## 441	No	No	No
## 442	Yes	Maybe	Yes
## 444	Yes	Maybe	Yes
## 445	No	No	Yes
## 446	Some of them	Maybe	Maybe
## 447	No	No	Maybe
## 448	No	No	Maybe
## 449	Some of them	No	Yes
## 450	No	No	Maybe
## 451	Yes	No	No
## 453	Some of them	No	No
## 454	Some of them	No	No
## 456	Some of them	No	No
## 457	No	No	No
## 458	No	No	Maybe
## 459	Yes	Maybe	Maybe
## 460	Some of them	No	Maybe
## 464	Yes	No	Yes
## 465	No	No	Maybe
## 466	No	No	No
## 467	Yes	Maybe	Yes
## 468	Yes	Maybe	Maybe

## 469	Yes	No	Yes
## 471	Some of them	No	No
## 472	No	No	No
## 474	Yes	No	No
## 475	No	No	No
## 477	Yes	No	Maybe
## 478	Yes	No	No
## 479	Some of them	No	Maybe
## 480	Yes	No	No
## 481	Yes	Maybe	Maybe
## 484	Yes	No	Yes
## 485	Some of them	No	No
## 486	Some of them	No	No
## 487	Yes	No	No
## 489	Yes	Yes	Yes
## 490	No	No	Maybe
## 491	Some of them	No	No
## 492	Yes	No	No
## 493	No	No	No
## 494	Some of them	No	No
## 495	Some of them	No	No
## 496	No	No	Maybe
## 497	Yes	No	No
## 498	Yes	Yes	Yes
## 499	Some of them	No	No
## 500	Some of them	Yes	No
## 502	Yes	Maybe	Maybe
## 503	Yes	No	Yes
## 505	Some of them	Maybe	Yes
## 507	Some of them	No	No
## 508	Some of them	No	No
## 509	Some of them	No	No
## 510	Yes	No	Maybe
## 512	Yes	Maybe	Yes
## 515	No	No	No
## 516	Yes	Maybe	Yes
## 517	Some of them	No	No
## 518	Some of them	No	No
## 519	No	No	Maybe
## 520	Yes	No	Maybe
## 521	Some of them	Maybe	Yes
## 522	Some of them	No	Yes
## 523	No	No	No
## 524	Yes	No	No
## 525	Yes	Maybe	Maybe
## 526	Yes	No	No
## 527	Yes	No	No
## 528	No	No	Maybe
## 529	Yes	No	No
## 531	Yes	No	No
## 532	No	No	Yes
## 533	Some of them	No	Maybe
## 534	Some of them	No	No
## 536	No	No	Maybe

## 537	Yes	Maybe	Maybe
## 538	Yes	Maybe	Maybe
## 539	No	No	Maybe
## 540	Some of them	No	Maybe
## 541	Yes	No	Maybe
## 542	Yes	No	Maybe
## 543	Some of them	No	Yes
## 544	Some of them	No	Maybe
## 545	No	No	Maybe
## 546	Some of them	No	No
## 547	Yes	No	Maybe
## 548	Some of them	No	No
## 549	No	No	No
## 552	No	No	No
## 553	Yes	No	No
## 555	No	No	No
## 556	Yes	No	No
## 558	Some of them	No	No
## 559	Some of them	No	Maybe
## 560	No	No	Maybe
## 562	No	No	Maybe
## 563	Yes	Maybe	Maybe
## 564	Yes	Maybe	Maybe
## 565	No	No	No
## 566	No	No	No
## 567	Yes	No	Maybe
## 568	Some of them	Maybe	Maybe
## 569	No	No	Maybe
## 570	Some of them	Maybe	Maybe
## 571	Yes	Maybe	Yes
## 572	Some of them	No	Maybe
## 573	Yes	Maybe	Yes
## 574	Some of them	No	Yes
## 575	No	No	No
## 576	Some of them	No	No
## 577	Some of them	No	No
## 578	Some of them	No	Maybe
## 579	Some of them	No	No
## 580	No	No	Maybe
## 581	Some of them	No	No
## 582	Some of them	No	Maybe
## 583	Some of them	No	No
## 584	Yes	Maybe	Maybe
## 585	Yes	No	No
## 586	Yes	No	No
## 587	Some of them	Yes	Yes
## 588	Yes	No	Maybe
## 592	Some of them	No	No
## 593	No	No	Maybe
## 594	No	No	Maybe
## 595	Some of them	No	Maybe
## 596	Some of them	No	No
## 597	Yes	No	No
## 598	Some of them	No	Yes

## 599	Some of them	No	Maybe
## 600	No	No	No
## 601	Yes	Yes	Yes
## 602	No	No	No
## 603	No	No	No
## 604	Yes	No	Maybe
## 605	Yes	No	Yes
## 607	Yes	Maybe	Maybe
## 608	Some of them	No	No
## 609	Yes	Maybe	Maybe
## 610	No	No	No
## 613	No	No	No
## 615	No	No	Maybe
## 617	Some of them	No	No
## 618	Yes	No	Maybe
## 620	No	No	No
## 622	Yes	No	Maybe
## 623	Yes	No	No
## 624	No	No	Maybe
## 625	Yes	No	Maybe
## 627	No	No	No
## 628	Yes	No	No
## 629	Yes	No	No
## 631	Yes	Maybe	Maybe
## 632	Some of them	No	No
## 633	Yes	No	Maybe
## 637	Yes	No	No
## 643	Yes	No	No
## 644	Yes	No	No
## 645	Yes	No	Maybe
## 646	No	No	No
## 647	Yes	No	Maybe
## 648	No	No	No
## 649	Yes	Yes	Yes
## 651	Yes	Maybe	Maybe
## 654	Yes	No	Maybe
## 655	Some of them	No	No
## 656	No	No	No
## 663	No	No	Yes
## 665	Yes	No	No
## 666	Yes	Maybe	Maybe
## 667	Some of them	No	Maybe
## 669	Yes	Maybe	Yes
## 674	Some of them	No	Yes
## 676	No	No	Maybe
## 678	No	No	Maybe
## 679	Yes	No	Maybe
## 680	Some of them	No	Yes
## 681	Yes	Maybe	Yes
## 682	Some of them	Maybe	Maybe
## 683	Some of them	No	Yes
## 685	Yes	No	No
## 686	Yes	No	Yes
## 688	Some of them	No	No

## 689	Yes	No	No
## 690	Yes	No	Maybe
## 691	No	No	No
## 692	No	No	Maybe
## 693	Some of them	Maybe	Maybe
## 694	Some of them	No	Yes
## 695	No	No	No
## 696	Some of them	No	Maybe
## 697	Yes	Maybe	Maybe
## 698	No	No	No
## 699	No	No	Maybe
## 701	No	No	No
## 702	No	Yes	Yes
## 703	Some of them	No	No
## 704	Yes	Maybe	Yes
## 705	Some of them	No	No
## 706	Yes	No	No
## 709	Yes	No	Maybe
## 710	Yes	No	Maybe
## 711	No	No	Maybe
## 712	Some of them	Yes	Yes
## 715	Yes	Yes	Yes
## 716	Yes	Yes	Yes
## 717	Yes	No	Maybe
## 720	Some of them	No	No
## 722	Some of them	No	Maybe
## 724	Yes	No	Maybe
## 725	Some of them	No	No
## 726	Some of them	No	Yes
## 727	Some of them	No	Yes
## 728	Some of them	No	Maybe
## 729	Yes	No	Maybe
## 730	Yes	No	No
## 731	No	No	Maybe
## 732	Yes	No	Maybe
## 733	Yes	Maybe	Maybe
## 737	Some of them	No	No
## 738	Yes	No	No
## 741	Some of them	No	Maybe
## 742	No	No	Maybe
## 743	Some of them	No	Maybe
## 744	Some of them	No	Yes
## 745	Some of them	No	No
## 746	No	No	No
## 747	No	No	Yes
## 748	Yes	No	No
## 749	No	No	No
## 750	Some of them	Maybe	Maybe
## 751	No	No	No
## 752	No	No	No
## 755	Some of them	No	No
## 756	Yes	Maybe	Maybe
## 757	No	No	No
## 758	No	No	Maybe

## 759	Yes	No	No
## 760	No	No	No
## 761	Some of them	No	Maybe
## 762	Yes	No	Maybe
## 763	No	No	Yes
## 764	Yes	No	Maybe
## 765	Yes	No	Yes
## 768	Yes	No	No
## 769	Yes	No	No
## 770	Yes	No	Maybe
## 771	Yes	Maybe	Maybe
## 772	No	No	No
## 774	No	No	No
## 775	No	No	No
## 776	Yes	No	No
## 777	Some of them	No	Maybe
## 778	No	No	Maybe
## 780	Some of them	No	Maybe
## 781	Some of them	No	Maybe
## 784	Yes	No	No
## 787	No	No	No
## 788	No	No	No
## 789	Yes	Maybe	Maybe
## 790	Some of them	Maybe	Maybe
## 791	Yes	No	Maybe
## 792	No	No	Maybe
## 794	Some of them	No	No
## 796	Some of them	Maybe	Maybe
## 797	Yes	Yes	Yes
## 798	Some of them	No	Yes
## 802	No	No	Maybe
## 805	No	No	Maybe
## 806	No	No	No
## 807	Some of them	No	No
## 808	Yes	Maybe	Maybe
## 809	Yes	No	No
## 810	Yes	Yes	Yes
## 811	No	No	Maybe
## 812	No	No	No
## 813	Yes	No	No
## 816	Yes	Maybe	Maybe
## 817	No	No	Maybe
## 818	No	No	Maybe
## 820	No	Maybe	Maybe
## 821	Some of them	No	Yes
## 823	Yes	No	No
## 824	Some of them	No	No
## 825	Yes	No	Maybe
## 826	Yes	No	Maybe
## 827	No	No	Maybe
## 828	No	No	No
## 829	Some of them	No	No
## 831	Some of them	Maybe	Maybe
## 832	No	No	Maybe

## 834	No	No	No
## 835	No	No	Maybe
## 836	Yes	No	Maybe
## 837	No	No	Maybe
## 838	No	No	No
## 839	Yes	No	No
## 840	Yes	No	No
## 841	Yes	No	No
## 842	No	No	Maybe
## 843	Some of them	Maybe	Maybe
## 844	Some of them	No	No
## 846	No	No	No
## 847	Yes	No	Yes
## 848	Some of them	No	No
## 849	Some of them	No	No
## 851	No	No	No
## 852	Some of them	No	Maybe
## 855	Yes	No	No
## 856	Yes	No	Maybe
## 857	Yes	No	Maybe
## 858	No	No	Maybe
## 859	Some of them	No	Maybe
## 860	Some of them	Yes	Yes
## 861	No	No	No
## 862	No	No	Maybe
## 864	Some of them	No	No
## 865	Yes	No	Maybe
## 866	No	No	No
## 867	Some of them	No	Maybe
## 868	Yes	No	No
## 869	No	No	No
## 870	No	No	Maybe
## 871	No	No	No
## 873	Yes	Maybe	Yes
## 874	Some of them	No	No
## 875	Some of them	No	No
## 876	Yes	Maybe	Maybe
## 877	Yes	No	Maybe
## 878	No	No	No
## 880	Yes	Yes	Yes
## 881	No	No	No
## 882	Some of them	No	Maybe
## 883	Some of them	No	Maybe
## 886	Yes	Yes	Yes
## 887	No	No	Maybe
## 888	Some of them	No	Maybe
## 889	Some of them	No	Maybe
## 890	Some of them	No	Maybe
## 891	Yes	No	Maybe
## 892	Yes	No	No
## 893	No	No	Maybe
## 894	Yes	No	No
## 895	No	No	Maybe
## 896	No	No	No

## 897	Yes	No	Maybe
## 898	Yes	No	No
## 901	Some of them	No	Maybe
## 903	Yes	No	No
## 904	Yes	No	Maybe
## 905	Some of them	Maybe	Maybe
## 906	No	No	No
## 907	Some of them	No	Yes
## 908	Yes	Maybe	Maybe
## 909	Yes	No	Yes
## 910	No	No	No
## 911	No	No	Yes
## 912	No	No	Maybe
## 915	No	No	No
## 917	No	No	Maybe
## 918	Yes	No	No
## 919	Yes	No	No
## 920	No	No	No
## 921	No	No	No
## 922	Yes	Maybe	Maybe
## 923	Yes	No	Maybe
## 924	Yes	Maybe	Maybe
## 925	No	Maybe	Maybe
## 926	Some of them	No	Maybe
## 927	Yes	No	No
## 928	Yes	Yes	Yes
## 929	No	No	Maybe
## 930	Yes	Maybe	Yes
## 933	Some of them	No	No
## 934	Some of them	No	No
## 935	Yes	No	No
## 936	Some of them	No	Maybe
## 938	Some of them	No	No
## 939	No	No	Maybe
## 940	Some of them	No	Yes
## 941	Some of them	No	Maybe
## 942	Some of them	No	No
## 943	Yes	No	Maybe
## 945	Some of them	No	Maybe
## 946	Some of them	No	No
## 947	Yes	Maybe	No
## 948	Yes	Maybe	Maybe
## 949	No	No	No
## 952	Yes	Maybe	Maybe
## 953	Some of them	No	Maybe
## 954	No	No	Yes
## 955	No	No	Maybe
## 956	Some of them	No	No
## 957	Yes	No	Maybe
## 959	Yes	No	Maybe
## 961	Some of them	No	Maybe
## 963	No	No	Maybe
## 964	No	No	Maybe
## 965	No	No	Yes

## 966	No	No	Maybe
## 967	Some of them	No	No
## 968	Yes	No	Maybe
## 969	Yes	No	Maybe
## 970	Some of them	No	Maybe
## 971	Some of them	No	No
## 972	No	No	Maybe
## 973	Yes	No	No
## 974	Yes	Maybe	Maybe
## 975	Yes	No	Maybe
## 976	No	No	Maybe
## 977	Some of them	No	Yes
## 978	Yes	Maybe	Maybe
## 979	No	No	Maybe
## 980	No	No	No
## 981	No	No	Maybe
## 982	Yes	No	No
## 983	Some of them	No	Maybe
## 984	Yes	No	No
## 985	Yes	No	Maybe
## 986	Some of them	No	Maybe
## 987	No	No	No
## 988	No	No	No
## 989	Yes	No	No
## 990	No	No	Maybe
## 991	No	No	Maybe
## 992	Some of them	No	Maybe
## 993	Some of them	No	Maybe
## 994	No	No	Maybe
## 995	Yes	No	Maybe
## 996	Yes	No	Maybe
## 997	Yes	Maybe	No
## 998	No	No	Maybe
## 999	Some of them	No	No
## 1000	Some of them	No	Maybe
## 1002	Yes	No	No
## 1003	No	No	No
## 1004	Yes	No	Maybe
## 1005	Some of them	No	No
## 1006	Some of them	No	Maybe
## 1007	Some of them	No	Maybe
## 1008	Yes	No	Yes
## 1009	No	No	No
## 1010	Yes	No	No
## 1011	No	No	No
## 1012	Yes	Maybe	Yes
## 1013	Some of them	No	Maybe
## 1015	Some of them	No	No
## 1017	No	No	Maybe
## 1018	No	No	Maybe
## 1019	Some of them	No	No
## 1020	No	No	Maybe
## 1021	Some of them	No	Maybe
## 1022	Yes	No	No

## 1023	Yes	Maybe	Yes
## 1024	No	No	Maybe
## 1025	Some of them	Maybe	Maybe
## 1026	Some of them	No	Yes
## 1028	Yes	Maybe	Yes
## 1030	No	No	Maybe
## 1031	Some of them	No	Maybe
## 1032	Some of them	No	Maybe
## 1033	Yes	No	Yes
## 1034	No	No	No
## 1035	Yes	No	Yes
## 1036	Some of them	No	No
## 1037	Some of them	No	Maybe
## 1038	Some of them	No	Maybe
## 1040	Yes	Maybe	Yes
## 1041	Some of them	Maybe	Maybe
## 1043	Yes	No	Maybe
## 1045	Some of them	No	Yes
## 1047	No	No	No
## 1048	Yes	Maybe	Maybe
## 1049	Yes	No	Maybe
## 1051	No	No	No
## 1052	No	No	No
## 1054	No	No	No
## 1055	Yes	Maybe	Yes
## 1056	Yes	Maybe	Maybe
## 1057	Some of them	No	Yes
## 1058	Some of them	No	Maybe
## 1059	Some of them	No	No
## 1060	No	No	Maybe
## 1061	Yes	No	Maybe
## 1062	Yes	Maybe	Maybe
## 1063	Some of them	No	Maybe
## 1064	Yes	Maybe	Maybe
## 1065	Some of them	No	No
## 1066	Some of them	No	No
## 1067	No	No	No
## 1068	Some of them	No	Maybe
## 1069	No	No	No
## 1071	Some of them	Maybe	Maybe
## 1072	Some of them	No	Maybe
## 1073	Yes	No	No
## 1074	No	No	Maybe
## 1075	No	No	No
## 1078	Yes	No	Maybe
## 1079	Yes	Yes	Yes
## 1081	No	No	Maybe
## 1082	Yes	No	Yes
## 1083	No	No	No
## 1084	No	No	Maybe
## 1085	Yes	No	No
## 1086	Some of them	No	No
## 1087	Some of them	No	No
## 1088	Yes	No	No

## 1089	No	No	No
## 1090	Some of them	No	No
## 1091	No	No	No
## 1092	Some of them	No	No
## 1093	No	No	Maybe
## 1094	Yes	No	Yes
## 1096	Some of them	No	No
## 1097	No	No	Maybe
## 1098	Yes	No	Maybe
## 1099	No	No	No
## 1101	No	No	Maybe
## 1102	No	No	No
## 1104	Yes	No	No
## 1105	Yes	No	Maybe
## 1106	Yes	Maybe	Yes
## 1107	Yes	No	No
## 1109	Some of them	No	No
## 1110	Yes	No	Maybe
## 1111	No	No	Maybe
## 1113	Yes	No	No
## 1114	Some of them	No	No
## 1116	Yes	No	No
## 1117	No	No	No
## 1118	Yes	Yes	Yes
## 1119	Yes	Yes	Yes
## 1120	Some of them	No	Maybe
## 1121	No	No	Maybe
## 1122	Some of them	No	Maybe
## 1124	Some of them	No	No
## 1125	Some of them	No	Maybe
## 1126	Yes	Maybe	Maybe
## 1127	Some of them	No	Maybe
## 1128	Yes	Yes	Yes
## 1129	Yes	No	Maybe
## 1130	No	No	Maybe
## 1131	Some of them	No	No
## 1132	No	No	Maybe
## 1133	No	No	No
## 1134	Yes	No	No
## 1135	Yes	Maybe	Yes
## 1136	No	No	No
## 1137	No	No	Maybe
## 1138	Yes	No	No
## 1140	Yes	No	Maybe
## 1141	Some of them	Maybe	Yes
## 1142	No	No	No
## 1143	Yes	Maybe	Maybe
## 1144	Yes	Maybe	Maybe
## 1145	No	No	Maybe
## 1146	Some of them	No	No
## 1148	Yes	No	No
## 1149	No	No	No
## 1151	No	No	No
## 1152	No	No	Maybe

##	mh_serious_ph	witness_mh_nc
## 18	Yes	Yes
## 20	No	No
## 21	Yes	No
## 22	No	No
## 23	Don't know	No
## 24	Don't know	No
## 25	No	No
## 27	Yes	No
## 28	No	No
## 29	No	No
## 30	No	No
## 31	No	Yes
## 32	Don't know	No
## 33	Don't know	No
## 34	Yes	No
## 35	Don't know	No
## 36	Don't know	No
## 38	Yes	No
## 39	No	Yes
## 41	Yes	No
## 42	No	No
## 43	Don't know	No
## 44	Yes	No
## 47	Yes	No
## 48	Don't know	No
## 49	Don't know	No
## 52	Don't know	No
## 53	Don't know	No
## 55	No	No
## 57	Don't know	No
## 58	Don't know	Yes
## 59	Yes	No
## 61	Don't know	No
## 62	No	Yes
## 63	Yes	No
## 64	Yes	No
## 66	Don't know	No
## 67	Don't know	No
## 68	Don't know	No
## 69	No	No
## 71	Yes	No
## 74	Yes	No
## 75	No	No
## 76	Yes	No
## 77	Yes	No
## 78	Yes	No
## 79	No	No
## 80	Yes	No
## 81	No	No
## 83	No	Yes
## 84	Don't know	No
## 85	No	Yes
## 87	Yes	No

## 88	No	No
## 90	Don't know	No
## 91	No	No
## 92	Don't know	No
## 93	No	No
## 94	Yes	No
## 95	No	Yes
## 96	Don't know	No
## 98	Yes	No
## 99	Don't know	No
## 100	Don't know	No
## 101	No	No
## 102	Don't know	No
## 103	Yes	No
## 104	No	No
## 105	Yes	No
## 106	Yes	No
## 107	Don't know	No
## 109	Don't know	Yes
## 110	No	No
## 111	Don't know	No
## 112	Don't know	No
## 114	Don't know	No
## 116	Yes	No
## 117	Don't know	No
## 118	No	Yes
## 119	Don't know	No
## 121	Don't know	No
## 122	Yes	No
## 123	No	No
## 124	Don't know	No
## 125	Don't know	No
## 126	Don't know	No
## 127	Don't know	No
## 128	Yes	No
## 129	Don't know	No
## 131	Don't know	No
## 132	Yes	No
## 133	Don't know	No
## 136	Don't know	No
## 137	Don't know	No
## 138	No	No
## 139	No	Yes
## 142	No	No
## 143	Don't know	No
## 144	No	Yes
## 145	No	No
## 146	Don't know	No
## 147	No	No
## 148	Don't know	Yes
## 149	Don't know	Yes
## 150	Don't know	Yes
## 151	Don't know	No
## 152	Don't know	No

## 153	Don't know	No
## 154	Yes	No
## 156	Don't know	No
## 158	No	No
## 159	Don't know	No
## 160	Don't know	No
## 161	Don't know	No
## 162	No	No
## 164	No	No
## 165	Don't know	No
## 167	Yes	Yes
## 168	Yes	No
## 170	Don't know	No
## 171	Don't know	No
## 172	Don't know	No
## 173	No	No
## 175	Yes	No
## 178	Don't know	No
## 179	No	No
## 180	Don't know	No
## 181	No	Yes
## 182	Don't know	No
## 183	No	No
## 185	Don't know	No
## 186	Yes	No
## 187	Yes	No
## 188	Don't know	No
## 189	Don't know	No
## 190	No	Yes
## 191	Yes	No
## 192	Don't know	No
## 193	Don't know	No
## 195	Don't know	No
## 196	Don't know	No
## 197	No	Yes
## 198	Yes	No
## 199	Don't know	No
## 200	Yes	No
## 202	Don't know	No
## 206	Don't know	No
## 207	No	No
## 208	Yes	No
## 210	Yes	No
## 211	Yes	No
## 212	Yes	No
## 213	Yes	No
## 214	Don't know	Yes
## 215	No	No
## 216	No	No
## 217	No	No
## 219	No	No
## 220	Don't know	No
## 222	Yes	No
## 223	No	Yes

## 224	No	Yes
## 225	Don't know	No
## 226	Yes	No
## 227	No	Yes
## 228	Don't know	No
## 230	Don't know	No
## 231	Don't know	No
## 232	Yes	No
## 234	Yes	No
## 236	Don't know	No
## 237	Don't know	No
## 238	Yes	No
## 239	Yes	No
## 241	No	Yes
## 242	Don't know	No
## 243	No	No
## 244	Yes	No
## 247	Yes	No
## 248	Don't know	Yes
## 249	Don't know	No
## 250	Don't know	No
## 251	No	No
## 252	Yes	No
## 254	Don't know	No
## 255	No	No
## 258	Yes	No
## 259	No	No
## 260	No	Yes
## 261	Don't know	No
## 262	Don't know	No
## 264	Yes	No
## 265	Don't know	No
## 266	Yes	No
## 267	Don't know	Yes
## 268	Don't know	No
## 269	Don't know	No
## 270	Don't know	No
## 271	Don't know	No
## 272	Don't know	No
## 274	Yes	No
## 276	Don't know	No
## 277	Don't know	No
## 278	Yes	No
## 279	Yes	No
## 280	Don't know	No
## 281	Yes	No
## 282	Yes	No
## 283	Yes	No
## 284	Don't know	No
## 287	Don't know	No
## 288	Don't know	No
## 289	Don't know	No
## 290	Yes	No
## 291	No	No

## 295	Yes	No
## 296	Yes	Yes
## 297	Yes	No
## 298	No	No
## 299	Yes	No
## 300	Don't know	No
## 301	Don't know	No
## 303	Don't know	No
## 304	Yes	No
## 305	Don't know	No
## 306	Yes	Yes
## 308	No	No
## 310	Don't know	No
## 311	Don't know	No
## 312	Don't know	No
## 313	Don't know	No
## 317	No	No
## 318	No	No
## 320	No	No
## 321	Don't know	No
## 322	Don't know	No
## 323	Don't know	No
## 324	Don't know	No
## 325	Yes	No
## 326	Yes	No
## 327	Yes	No
## 328	Don't know	No
## 329	No	No
## 330	Don't know	No
## 331	Don't know	No
## 332	Don't know	No
## 335	Yes	No
## 336	No	No
## 337	Yes	No
## 339	No	No
## 341	Don't know	No
## 342	Don't know	No
## 343	No	No
## 345	No	Yes
## 346	Yes	No
## 347	Yes	No
## 348	Don't know	No
## 349	Don't know	No
## 350	No	No
## 351	Yes	No
## 352	Yes	No
## 353	Don't know	No
## 354	Don't know	No
## 355	Yes	No
## 356	Don't know	No
## 357	No	No
## 358	No	No
## 359	Don't know	No
## 360	No	No

## 361	Don't know	No
## 362	Don't know	No
## 363	Don't know	No
## 364	Yes	No
## 366	Don't know	No
## 368	No	Yes
## 369	Don't know	No
## 370	Yes	No
## 371	No	No
## 372	No	No
## 374	No	Yes
## 375	Don't know	No
## 377	Yes	No
## 379	No	No
## 380	No	No
## 381	Don't know	Yes
## 382	Yes	No
## 383	Yes	No
## 384	Don't know	No
## 385	No	No
## 387	No	Yes
## 388	Yes	No
## 389	Don't know	No
## 390	Don't know	No
## 391	Yes	No
## 392	No	Yes
## 396	Yes	No
## 397	Yes	No
## 398	Don't know	No
## 399	Don't know	No
## 400	Don't know	No
## 401	Don't know	No
## 404	Don't know	No
## 405	Yes	No
## 406	No	No
## 407	Don't know	No
## 408	Yes	Yes
## 410	Yes	No
## 411	No	Yes
## 413	No	Yes
## 414	Don't know	No
## 415	Don't know	No
## 416	Yes	No
## 417	Yes	No
## 418	No	Yes
## 419	Don't know	No
## 420	Don't know	No
## 421	Don't know	No
## 422	Don't know	No
## 423	Yes	No
## 426	Yes	No
## 427	Don't know	No
## 428	No	No
## 429	Yes	No

## 430	Yes	No
## 431	No	No
## 432	No	No
## 433	No	No
## 434	Don't know	No
## 435	Yes	No
## 436	Yes	No
## 437	No	No
## 438	No	Yes
## 439	Don't know	No
## 440	Don't know	No
## 441	No	Yes
## 442	Don't know	No
## 444	Yes	No
## 445	Don't know	No
## 446	Don't know	No
## 447	Don't know	No
## 448	Don't know	No
## 449	No	Yes
## 450	Don't know	No
## 451	Yes	No
## 453	Don't know	No
## 454	Don't know	Yes
## 456	Yes	Yes
## 457	No	Yes
## 458	No	Yes
## 459	No	No
## 460	Yes	No
## 464	Don't know	No
## 465	No	No
## 466	Yes	No
## 467	No	No
## 468	Yes	No
## 469	Yes	No
## 471	Don't know	No
## 472	Yes	No
## 474	Yes	No
## 475	No	No
## 477	Yes	No
## 478	No	Yes
## 479	No	No
## 480	No	No
## 481	Yes	No
## 484	Yes	No
## 485	Yes	No
## 486	Yes	No
## 487	Yes	No
## 489	No	No
## 490	Don't know	No
## 491	No	No
## 492	No	No
## 493	No	No
## 494	Don't know	No
## 495	No	Yes

## 496	No	No
## 497	Yes	No
## 498	Yes	No
## 499	No	Yes
## 500	No	Yes
## 502	Yes	No
## 503	No	No
## 505	Don't know	No
## 507	Yes	No
## 508	Yes	No
## 509	Don't know	No
## 510	Yes	No
## 512	Yes	No
## 515	Yes	No
## 516	Yes	No
## 517	Don't know	No
## 518	No	No
## 519	No	No
## 520	Don't know	No
## 521	Don't know	No
## 522	No	No
## 523	Don't know	No
## 524	Yes	No
## 525	Don't know	No
## 526	Yes	No
## 527	No	Yes
## 528	No	No
## 529	Yes	No
## 531	Yes	No
## 532	No	No
## 533	Don't know	No
## 534	Don't know	Yes
## 536	Don't know	Yes
## 537	Yes	No
## 538	Don't know	No
## 539	No	Yes
## 540	Don't know	Yes
## 541	Don't know	No
## 542	Don't know	No
## 543	Don't know	Yes
## 544	Don't know	No
## 545	Don't know	No
## 546	No	No
## 547	Yes	No
## 548	Yes	No
## 549	No	Yes
## 552	No	Yes
## 553	Don't know	No
## 555	No	No
## 556	Yes	No
## 558	No	No
## 559	Don't know	No
## 560	No	No
## 562	Don't know	No

## 563	Yes	No
## 564	Yes	No
## 565	No	No
## 566	Don't know	No
## 567	Yes	No
## 568	Yes	No
## 569	No	No
## 570	Don't know	No
## 571	Yes	No
## 572	Don't know	No
## 573	No	Yes
## 574	Don't know	No
## 575	Don't know	No
## 576	Don't know	No
## 577	No	No
## 578	No	No
## 579	No	No
## 580	No	Yes
## 581	Don't know	Yes
## 582	Don't know	No
## 583	Don't know	No
## 584	Yes	No
## 585	Yes	No
## 586	Yes	No
## 587	Don't know	No
## 588	Yes	No
## 592	No	Yes
## 593	Don't know	Yes
## 594	Don't know	No
## 595	No	No
## 596	Don't know	No
## 597	Don't know	No
## 598	Don't know	No
## 599	Don't know	No
## 600	No	No
## 601	Don't know	Yes
## 602	Don't know	Yes
## 603	Yes	No
## 604	Don't know	No
## 605	Yes	No
## 607	Don't know	No
## 608	Don't know	No
## 609	Yes	No
## 610	No	No
## 613	Don't know	No
## 615	Don't know	No
## 617	No	No
## 618	Don't know	No
## 620	Don't know	No
## 622	Yes	No
## 623	Don't know	No
## 624	No	No
## 625	Don't know	No
## 627	Don't know	No

## 628	Yes	No
## 629	Yes	No
## 631	Yes	No
## 632	Don't know	No
## 633	Yes	No
## 637	Yes	No
## 643	Yes	Yes
## 644	Don't know	No
## 645	Yes	No
## 646	No	No
## 647	No	Yes
## 648	No	No
## 649	Don't know	No
## 651	Yes	No
## 654	Don't know	No
## 655	No	No
## 656	No	No
## 663	No	Yes
## 665	No	No
## 666	Don't know	No
## 667	No	No
## 669	No	No
## 674	No	No
## 676	Don't know	No
## 678	Don't know	No
## 679	Yes	Yes
## 680	Yes	No
## 681	Don't know	No
## 682	Don't know	No
## 683	Don't know	No
## 685	Yes	No
## 686	Don't know	No
## 688	Don't know	No
## 689	Yes	No
## 690	Don't know	No
## 691	Don't know	No
## 692	No	No
## 693	Yes	No
## 694	No	Yes
## 695	Yes	No
## 696	Yes	No
## 697	Yes	No
## 698	No	No
## 699	No	No
## 701	No	No
## 702	Don't know	No
## 703	No	No
## 704	Don't know	No
## 705	Don't know	No
## 706	Yes	No
## 709	No	Yes
## 710	No	Yes
## 711	No	No
## 712	Yes	Yes

## 715	Don't know	No
## 716	Don't know	No
## 717	Yes	No
## 720	No	Yes
## 722	Don't know	No
## 724	Don't know	Yes
## 725	Don't know	No
## 726	No	Yes
## 727	No	Yes
## 728	No	Yes
## 729	No	Yes
## 730	Don't know	No
## 731	Yes	No
## 732	Don't know	No
## 733	Yes	No
## 737	No	Yes
## 738	Don't know	Yes
## 741	No	No
## 742	Don't know	No
## 743	No	No
## 744	No	Yes
## 745	Don't know	No
## 746	Don't know	No
## 747	Don't know	No
## 748	Don't know	No
## 749	Yes	No
## 750	Yes	No
## 751	Don't know	No
## 752	Don't know	No
## 755	No	Yes
## 756	Yes	No
## 757	Don't know	No
## 758	Don't know	No
## 759	Yes	No
## 760	Yes	No
## 761	Don't know	No
## 762	Don't know	No
## 763	Don't know	No
## 764	No	Yes
## 765	No	Yes
## 768	No	No
## 769	Don't know	No
## 770	Don't know	Yes
## 771	Don't know	No
## 772	Don't know	No
## 774	Don't know	No
## 775	Yes	No
## 776	Yes	No
## 777	Don't know	No
## 778	Don't know	No
## 780	Don't know	No
## 781	Don't know	No
## 784	Yes	No
## 787	No	No

## 788	No	No
## 789	Yes	No
## 790	Don't know	No
## 791	No	No
## 792	Yes	No
## 794	Don't know	No
## 796	No	No
## 797	Yes	No
## 798	Don't know	Yes
## 802	Don't know	No
## 805	Don't know	No
## 806	Don't know	No
## 807	Yes	No
## 808	Yes	No
## 809	Yes	Yes
## 810	Yes	No
## 811	No	No
## 812	Don't know	No
## 813	Don't know	No
## 816	Don't know	Yes
## 817	Don't know	No
## 818	Don't know	No
## 820	No	No
## 821	Don't know	No
## 823	Yes	No
## 824	Don't know	No
## 825	Yes	No
## 826	No	No
## 827	No	No
## 828	No	Yes
## 829	Yes	Yes
## 831	Don't know	No
## 832	No	Yes
## 834	No	No
## 835	Don't know	No
## 836	Yes	Yes
## 837	No	Yes
## 838	Don't know	No
## 839	Don't know	No
## 840	Don't know	No
## 841	Don't know	No
## 842	No	No
## 843	Don't know	No
## 844	Yes	No
## 846	Don't know	No
## 847	Don't know	No
## 848	No	No
## 849	Yes	No
## 851	Don't know	No
## 852	No	No
## 855	Don't know	No
## 856	Yes	No
## 857	Yes	No
## 858	No	Yes

## 859	No	No
## 860	No	Yes
## 861	No	No
## 862	Don't know	No
## 864	Don't know	No
## 865	No	No
## 866	No	No
## 867	Don't know	Yes
## 868	Yes	No
## 869	Don't know	No
## 870	No	No
## 871	No	No
## 873	Yes	No
## 874	Don't know	No
## 875	Don't know	No
## 876	Yes	No
## 877	No	Yes
## 878	Don't know	No
## 880	Yes	No
## 881	No	No
## 882	Yes	No
## 883	No	No
## 886	Yes	No
## 887	Don't know	No
## 888	Don't know	No
## 889	No	Yes
## 890	No	Yes
## 891	Yes	No
## 892	Don't know	No
## 893	Don't know	No
## 894	Don't know	No
## 895	No	Yes
## 896	Yes	Yes
## 897	Don't know	No
## 898	Yes	No
## 901	No	Yes
## 903	No	No
## 904	No	No
## 905	Don't know	Yes
## 906	Don't know	No
## 907	Don't know	No
## 908	Yes	No
## 909	Yes	No
## 910	No	Yes
## 911	Yes	No
## 912	Don't know	No
## 915	Yes	No
## 917	Yes	No
## 918	Don't know	No
## 919	Don't know	No
## 920	Don't know	No
## 921	Don't know	No
## 922	Don't know	No
## 923	Don't know	No

## 924	Don't know	No
## 925	Don't know	Yes
## 926	Yes	Yes
## 927	Yes	No
## 928	Don't know	No
## 929	Don't know	No
## 930	Yes	No
## 933	Yes	No
## 934	No	Yes
## 935	Don't know	No
## 936	Yes	No
## 938	No	Yes
## 939	Don't know	No
## 940	Don't know	Yes
## 941	No	No
## 942	No	Yes
## 943	Yes	No
## 945	No	No
## 946	Don't know	No
## 947	Yes	No
## 948	Don't know	No
## 949	Don't know	No
## 952	Yes	No
## 953	No	No
## 954	No	Yes
## 955	Don't know	Yes
## 956	Don't know	No
## 957	Yes	No
## 959	Yes	No
## 961	No	No
## 963	Don't know	No
## 964	Don't know	No
## 965	No	Yes
## 966	Don't know	No
## 967	Yes	Yes
## 968	Yes	Yes
## 969	No	Yes
## 970	No	No
## 971	Don't know	No
## 972	No	No
## 973	Yes	No
## 974	Don't know	No
## 975	Yes	No
## 976	Don't know	No
## 977	Don't know	No
## 978	Don't know	No
## 979	No	No
## 980	Don't know	No
## 981	Don't know	No
## 982	Don't know	No
## 983	Don't know	No
## 984	Don't know	No
## 985	Don't know	No
## 986	No	No

## 987	Don't know	No
## 988	Yes	Yes
## 989	Don't know	No
## 990	No	No
## 991	No	Yes
## 992	Don't know	No
## 993	No	Yes
## 994	Don't know	No
## 995	No	No
## 996	No	No
## 997	Yes	No
## 998	No	No
## 999	Yes	No
## 1000	No	No
## 1002	Yes	No
## 1003	No	No
## 1004	Don't know	No
## 1005	Yes	No
## 1006	Yes	No
## 1007	No	No
## 1008	No	No
## 1009	Yes	No
## 1010	Yes	No
## 1011	No	Yes
## 1012	Yes	No
## 1013	Don't know	Yes
## 1015	Yes	No
## 1017	Don't know	No
## 1018	No	Yes
## 1019	Yes	No
## 1020	Don't know	No
## 1021	Don't know	No
## 1022	Don't know	No
## 1023	Yes	No
## 1024	Don't know	No
## 1025	Don't know	No
## 1026	No	No
## 1028	Don't know	No
## 1030	Don't know	Yes
## 1031	Don't know	No
## 1032	Don't know	No
## 1033	Don't know	No
## 1034	Don't know	No
## 1035	No	Yes
## 1036	No	No
## 1037	No	No
## 1038	Don't know	No
## 1040	No	Yes
## 1041	Don't know	No
## 1043	Yes	No
## 1045	No	No
## 1047	Don't know	No
## 1048	No	No
## 1049	Yes	No

## 1051	Don't know	No
## 1052	Don't know	No
## 1054	Don't know	No
## 1055	Don't know	No
## 1056	Yes	No
## 1057	Don't know	No
## 1058	Don't know	No
## 1059	Don't know	Yes
## 1060	Don't know	No
## 1061	No	No
## 1062	Yes	No
## 1063	Don't know	No
## 1064	Yes	No
## 1065	Don't know	No
## 1066	Don't know	No
## 1067	Don't know	No
## 1068	Don't know	No
## 1069	Yes	No
## 1071	Don't know	No
## 1072	No	No
## 1073	Don't know	No
## 1074	Don't know	No
## 1075	No	No
## 1078	Yes	Yes
## 1079	No	Yes
## 1081	No	No
## 1082	No	Yes
## 1083	No	No
## 1084	No	Yes
## 1085	Don't know	Yes
## 1086	Yes	No
## 1087	Don't know	No
## 1088	Yes	No
## 1089	Don't know	No
## 1090	Don't know	No
## 1091	Yes	No
## 1092	Don't know	No
## 1093	Don't know	No
## 1094	Don't know	No
## 1096	Yes	No
## 1097	No	No
## 1098	No	No
## 1099	Don't know	No
## 1101	No	No
## 1102	No	Yes
## 1104	Don't know	No
## 1105	Don't know	No
## 1106	Yes	No
## 1107	No	No
## 1109	No	Yes
## 1110	No	Yes
## 1111	Don't know	No
## 1113	Don't know	No
## 1114	No	No

## 1116	Don't know	No
## 1117	No	No
## 1118	Don't know	No
## 1119	Yes	No
## 1120	Yes	Yes
## 1121	Yes	Yes
## 1122	Don't know	No
## 1124	Don't know	No
## 1125	Don't know	No
## 1126	Yes	No
## 1127	Don't know	Yes
## 1128	Yes	No
## 1129	Don't know	No
## 1130	Don't know	No
## 1131	Don't know	No
## 1132	Don't know	No
## 1133	No	Yes
## 1134	No	Yes
## 1135	Don't know	No
## 1136	Don't know	No
## 1137	Don't know	No
## 1138	Don't know	No
## 1140	Don't know	Yes
## 1141	Don't know	No
## 1142	Don't know	No
## 1143	Yes	No
## 1144	Yes	No
## 1145	No	No
## 1146	Don't know	No
## 1148	Yes	No
## 1149	No	No
## 1151	Don't know	No
## 1152	No	Yes

```

mh_reg = maindata[,c("age", "gender", "country", "family_history", "mh_treatment",
                    "tech_company", "mh_benefits", "mh_resources")]
mh_reg = merge(mh_reg, suicide, by="country")
mh_reg = merge(mh_reg, happiness, by="country")
mh_reg = mh_reg[,-c(9:10, 13:15)]
mh_reg = mh_reg %>% mutate(age = ifelse(age<=24, 1,
                                       ifelse(age>24 & age<=35, 2,
                                             ifelse(age>35 & age<=45, 3,
                                                    ifelse(age>45 & age<=55, 4,
                                                           ifelse(age>55, 5, 6))))))
mh_reg2 = dummy_cols(mh_reg, c("gender", "country", "family_history",
                              "tech_company", "mh_benefits", "mh_resources"))
mh_reg2 = mh_reg2[,c(2,5,9:11,19,23,26)]
#mh_reg2 = mh_reg2[,c(2,5,9:28)]
mh_reg2$mh_treatment = ifelse(mh_reg2$mh_treatment=="Yes", 1, 0)

```

```

mod3 = lm(mh_treatment ~ ., data=mh_reg2)
summary(mod3)

```

```
##
```



```
## Call:
## lm(formula = mh_treatment ~ ., data = mh_reg2)
##
## Residuals:
##      Min       1Q   Median       3Q      Max
## -1.0228 -0.4510  0.1665  0.3310  0.6701
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)    2.82595    1.23029   2.297 0.021879 *
## age            0.02689    0.02141   1.256 0.209550
## suicide_rate   0.02589    0.15602   0.166 0.868230
## h_score        -0.32730    0.18306  -1.788 0.074173 .
## gender_M       -0.14343    0.03777  -3.798 0.000157 ***
## family_history_Yes 0.27186    0.03178   8.554 < 2e-16 ***
## mh_benefits_Yes  0.13138    0.03751   3.502 0.000487 ***
## mh_resources_Yes -0.02066    0.04098  -0.504 0.614252
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## Residual standard error: 0.4427 on 797 degrees of freedom
## Multiple R-squared:  0.1359, Adjusted R-squared:  0.1284
## F-statistic: 17.91 on 7 and 797 DF,  p-value: < 2.2e-16
```

```
ols_step_both_p(mod3)
```

```
##
##                               Stepwise Selection Summary
## -----
```

## Step	Variable	Added/ Removed	R-Square	Adj. R-Square	C(p)	AIC	RMSE
## 1	family_history_Yes	addition	0.096	0.095	32.8120	1006.7118	0.4511
## 2	mh_benefits_Yes	addition	0.114	0.112	17.9920	992.3067	0.4468
## 3	gender_M	addition	0.128	0.125	7.1810	981.5839	0.4435
## 4	h_score	addition	0.134	0.130	3.7510	978.1300	0.4423

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