Age Cohort Comparisons

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```r
# read in main data
cididata_raw <-
  fread("ukrmain_RU_061419.csv")
```

Data Cleaning

```r
# subsetting data
cididata_pt2 <-
  cididata_raw %>%
  # mental conditions
  mutate(anx = ifelse(DSM_AGO == 1|DSM_SO == 1|DSM_GAD == 1|DSM_PDS == 1, 1, 0),
         ied = ifelse(DSM_IEDH == 1, 1, 0),
         aff = ifelse(DSM_MDE == 1|DSM_DYS == 1, 1, 0),
         alc = ifelse(DSM_ALA == 1|DSM_ALD == 1, 1, 0),
         any = ifelse(anx == 1|ied == 1|aff == 1|alc == 1, 1, 0)) %>%
  # bromet age cohorts
  mutate(brom4_agecohort = cut(cididata_raw$AGE, breaks = c(16, 24, 34, 49, Inf),
                                      labels = c("Youngest", "Middle Young", "Middle Age", "Eldest"))
         brom3_agecohort = cut(cididata_raw$AGE, breaks = c(16, 37, 57, Inf),
                                      labels = c("Youngest", "Middle", "Eldest"))) %>%
  # alfonso age cohorts
  mutate(alfonso_cohort = cut(cididata_raw$AGE, breaks = c(16, 37, 49, 64, Inf),
                              labels = c("Youngest", "Middle Young", "Middle Age", "Eldest"))) %>%
  # select part 2 respondents
  filter(!is.na(de20)) %>%
  # religion
  mutate(de32_1 = as.factor(ifelse(is.na(de32_1), 0, 1)),
         de32_2 = as.factor(ifelse(is.na(de32_2), 0, 1)),
         de32_9 = as.factor(ifelse(is.na(de32_9), 0, 1)),
         de32_98 = ifelse(is.na(de32_98), 0, 1),
         de32_99 = ifelse(is.na(de32_99), 0, 1),
         de32_other = ifelse(de32_3 == 1|de32_4 == 1|de32_5 == 1|de32_6 == 1|de32_7 == 1|de32_8 == 1, 1
         de32_other = as.factor(ifelse(is.na(de32_other), 0, 1)),
         de34 = as.factor(ifelse(de34 == 8|de34 == 9, NA, de34))) %>%
  # suicidality
  mutate(ideate = ifelse(!is.na(sd2), sd2, sd15),
         plan = ifelse(!is.na(sd4), sd4, sd17),
         attempt = ifelse(!is.na(sd6), sd6, sd19),
         plan = ifelse(is.na(plan), 5, plan),
         attempt = ifelse(is.na(attempt), 5, attempt),
         ideate = as.factor(ifelse(ideate == 1, 1, 0)),
         plan = as.factor(ifelse(plan == 1, 1, 0)),
         attempt = as.factor(ifelse(attempt == 1, 1, 0))) %>%
  # married
```

```r
  mutate(married = as.factor(ifelse(sc3 == 8|sc3 == 9, NA,
                                    ifelse(sc3 == 1, 1, 0)))) %>%
# chernobyl
  mutate(live_chernobyl = as.factor(ifelse(de40 == 1, 1,
                                           ifelse(pt6a == 1 & !is.na(pt6a), 1,
                                                  ifelse(pt6b == 1 & !is.na(pt6b), 1, 0))))) %>%
# # employment
# mutate(employ = derivedFactor(employed = (em8_1 == 1|em8_2 == 1|em8_8 == 1|em8_9 == 1),
#                               unemployed = (em8_3 == 1|em8_4 == 1),
#                               oolf = (em8_5 == 1|em8_6 == 1|em8_7 == 1|em8_10 == 1),
#                               .method = "first")) %>%
# social network
  mutate(SN1 = derivedVariable(`0` = sn1 == 6,
                               `1` = sn1 == 5,
                               `2` = sn1 == 4,
                               `3` = sn1 == 3,
                               `4` = sn1 == 2,
                               `5` = sn1 == 1,
                               `7` = sn1 == 7,
                               `8` = sn1 == 8,
                               `9` = sn1 == 9),
         SN2 = derivedVariable(`0` = sn2 == 6,
                               `1` = sn2 == 5,
                               `2` = sn2 == 4,
                               `3` = sn2 == 3,
                               `4` = sn2 == 2,
                               `5` = sn2 == 1,
                               `7` = sn2 == 7,
                               `8` = sn2 == 8,
                               `9` = sn2 == 9),
         SN6 = derivedVariable("1" = sn6 == 4,
                               "2" = sn6 == 3,
                               "3" = sn6 == 2,
                               "4" = sn6 == 1,
                               "2.5" = sn6 == 8|sn6 == 9),
         SN7 = derivedVariable("1" = sn7 == 4,
                               "2" = sn7 == 3,
                               "3" = sn7 == 2,
                               "4" = sn7 == 1,
                               "2.5" = sn7 == 8|sn7 == 9),
         SN1 = as.numeric(ifelse(SN1 == 7|SN1 == 8|SN1 == 9, NA, SN1)),
         SN2 = as.numeric(ifelse(SN2 == 7|SN2 == 8|SN2 == 9, NA, SN2)),
         SN6 = as.numeric(SN6),
         SN7 = as.numeric(SN7)) %>%
# recode
  mutate(cc1tz = as.factor(ifelse(cc1tz == 8|cc1tz == 9, NA,
                                  ifelse(cc1tz == 1, 1, 0))),
         cc2 = as.factor(ifelse(cc2 == 8|cc2 == 9, NA, cc2)),
         cn6 = as.factor(ifelse(cn6 == 8|cn6 == 9, NA,
                                ifelse(cn6 == 1, 1, 0))),
         cn6a = ifelse(cn6a == 98|cn6a == 99, NA, cn6a),
         ch67 = as.factor(ifelse(ch67 == 8|ch67 == 9, NA,
                                 ifelse(ch67 == 1, 1, 0))),
```

```
        ch97 = as.factor(ifelse(ch97 == 8|ch97 == 9, NA,
                          ifelse(ch97 == 1, 1, 0))),
        ch52 = as.factor(ifelse(ch52 == 8|ch52 == 9, NA,
                          ifelse(ch52 == 1, 1, 0))),
        ch82 = as.factor(ifelse(ch82 == 8|ch82 == 9, NA,
                          ifelse(ch82 == 1, 1, 0))),
        fnu1 = ifelse(fnu1 == 8|fnu1 == 9, NA, fnu1),
        fnu4 = as.factor(ifelse(fnu4 == 8|fnu4 == 9, NA, fnu4)),
        pt1 = as.factor(ifelse(pt1 == 8|pt1 == 9, NA,
                          ifelse(pt1 == 1, 1, 0))),
        SEX = as.factor(SEX)) %>%
  # select relevant variable
  select(sampleid, brom4_agecohort, brom3_agecohort, alfonso_cohort, SEX, io16,
         de20, fnu1, fnu4, de32_1, de32_2, de32_other, de32_9, emp, empw, empst, emph,
         empr, empoth,de34, pt6a, pt6b, de40, live_chernobyl, married, sc3,
         mr16, mr18, mr22, sn1, sn2, sn6, sn7, SN1, SN2, SN6, SN7, cc1tz, cc2,
         cn6, cn6a,ideate, plan, attempt, ch67, ch97, ch52, ch82, pt1,
         anx, alc, aff, ied, any, secu, strata, weight2)
```

```
# Dataset with Part 2 weights on
SuicidePart2 <-
  svydesign(ids = ~secu, strata = ~strata, weights = ~weight2, nest = T,
            data = subset(cididata_pt2, cididata_pt2$weight2>0))
options(survey.lonely.psu = "adjust")
```

Frequency Tables

Sex

```
### 0 = female
### 1 = male
svytable(~alfonso_cohort + SEX, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               SEX
## alfonso_cohort   0    1  Sum
##    Youngest      313  302  615
##    Middle Young  206  198  404
##    Middle Age    203  152  354
##    Eldest        225  121  346
##    Sum           946  774 1720
```

```
svytable(~brom3_agecohort + SEX, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               SEX
## brom3_agecohort   0    1  Sum
```

```
##       Youngest  313  302   615
##       Middle    317  288   605
##       Eldest    316  184   500
##       Sum       946  774  1720
```

Marriage

```
# are you currently married?
### 7 = living with someone
svytable(~alfonso_cohort + sc3, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               sc3
## alfonso_cohort    1    5    7  Sum
##    Youngest      338  266   11  615
##    Middle Young  292  103    9  404
##    Middle Age    236  115    3  354
##    Eldest        163  183    0  346
##    Sum          1029  668   23 1720
```

```
svytable(~brom3_agecohort + sc3, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                sc3
## brom3_agecohort    1    5    7  Sum
##        Youngest   338  266   11  615
##        Middle     433  162   10  605
##        Eldest     257  240    2  500
##        Sum       1029  668   23 1720
```

```
# marital status variable
svytable(~alfonso_cohort + married, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                married
## alfonso_cohort    0    1  Sum
##    Youngest      277  338  615
##    Middle Young  112  292  404
##    Middle Age    119  236  354
##    Eldest        183  163  346
##    Sum           691 1029 1720
```

```
svytable(~brom3_agecohort + married, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               married
## brom3_agecohort   0    1  Sum
##        Youngest  277  338  615
##          Middle  172  433  605
##          Eldest  242  257  500
##             Sum  691 1029 1720
```

Cancer

```
# presence of cancer
svytable(~alfonso_cohort + cc1tz, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               cc1tz
## alfonso_cohort    0    1  Sum
##    Youngest     612    0  613
##    Middle Young 399    3  402
##    Middle Age   343   10  354
##    Eldest       339    7  346
##    Sum         1693   21 1714
```

```
svytable(~brom3_agecohort + cc1tz, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               cc1tz
## brom3_agecohort   0    1  Sum
##        Youngest  612    0  613
##          Middle  594   10  603
##          Eldest  487   11  498
##             Sum 1693   21 1714
```

```
# treatment for cancer
### 1 = treatment
### 2 = remission
### 3 = cured

svytable(~alfonso_cohort + cc2, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               cc2
## alfonso_cohort  1  2  3 Sum
##    Youngest     0  0  0   0
##    Middle Young 0  0  2   3
##    Middle Age   5  4  1  10
##    Eldest       1  1  3   5
##    Sum          6  6  7  19
```

```
svytable(~brom3_agecohort + cc2, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                cc2
## brom3_agecohort  1  2  3 Sum
##        Youngest  0  0  0   0
##        Middle    5  1  3  10
##        Eldest    1  4  3   8
##        Sum       6  6  7  19
```

Sample sizes insufficient.

Socio-economic status

No tables for DE20 (years of schooling) or FNU1 (total monthly income); both are continuous variables and frequency tables inherently don't make sense for them.

```
# financial level
### 1 = not enough for food
### 2 = diffcult to buy clothes/shoes
### 3 = not enough for durables
### 4 = can afford some expensive things
### 5 = can afford anything

svytable(~alfonso_cohort + fnu4, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                   fnu4
## alfonso_cohort    1    2    3    4    5  Sum
##    Youngest      132  311  116   47    1  607
##    Middle Young  124  193   69   16    0  402
##    Middle Age    146  167   35    4    2  354
##    Eldest        163  164   16    0    0  344
##    Sum           565  835  236   67    4 1707
```

```
svytable(~brom3_agecohort + fnu4, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                fnu4
## brom3_agecohort    1    2    3    4    5  Sum
##        Youngest  132  311  116   47    1  607
##        Middle    190  298   95   18    3  603
##        Eldest    243  226   26    3    0  497
##        Sum       565  835  236   67    4 1707
```

```
# employment status
### 1 = working
### 2 = student
### 3 = homemaker
### 4 = retired
### 5 = other

svytable(~alfonso_cohort + emp, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##              emp
## alfonso_cohort    1    2    3    4    5   Sum
##    Youngest      447   58   46    5   60   615
##    Middle Young  315    0   25   12   52   404
##    Middle Age    149    0    9  170   27   354
##    Eldest         25    0    3  314    5   346
##    Sum           935   58   82  501  144  1720
```

```
svytable(~brom3_agecohort + emp, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 emp
## brom3_agecohort    1    2    3    4    5   Sum
##       Youngest    447   58   46    5   60   615
##       Middle     431    0   33   66   75   605
##       Eldest      58    0    3  430    8   500
##       Sum        935   58   82  501  144  1720
```

Urbanicity

```
### 1 = rural
### 2 = township
### 3 = city up to 200,000 inhabitants
### 4 = city between 200,000 and 500,000 inhabitants
### 5 = city with more than 500,000 inhabitants

svytable(~alfonso_cohort + io16, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##              io16
## alfonso_cohort    1    2    3    4    5   Sum
##    Youngest      176   89  125   78  147   615
##    Middle Young  124   52  103   33   91   404
##    Middle Age    120   34   72   54   74   354
##    Eldest        134   25   77   42   69   346
##    Sum           553  200  377  208  381  1720
```

```
svytable(~brom3_agecohort +io16, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##              io16
## brom3_agecohort    1    2    3    4    5  Sum
##        Youngest  176   89  125   78  147  615
##          Middle  182   74  146   65  138  605
##          Eldest  195   38  106   65   96  500
##             Sum  553  200  377  208  381 1720
```

Proximity to Chernobyl

```
svytable(~alfonso_cohort + live_chernobyl, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                live_chernobyl
## alfonso_cohort     0    1  Sum
##    Youngest      555   60  615
##    Middle Young  366   38  404
##    Middle Age    320   34  354
##    Eldest        318   28  346
##    Sum          1560  160 1720
```

```
svytable(~brom3_agecohort + live_chernobyl, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 live_chernobyl
## brom3_agecohort    0    1  Sum
##        Youngest  555   60  615
##          Middle  545   61  605
##          Eldest  460   40  500
##             Sum 1560  160 1720
```

Parental Alcohol/Drug Use

```
# mother alc/drug problem
svytable(~alfonso_cohort + ch52, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                ch52
## alfonso_cohort    0    1  Sum
##    Youngest      596   12  608
##    Middle Young  395    5  400
##    Middle Age    346    1  347
##    Eldest        335    2  336
##    Sum          1672   20 1692
```

```r
svytable(~brom3_agecohort + ch52, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               ch52
## brom3_agecohort    0    1  Sum
##        Youngest  596   12  608
##          Middle  592    6  597
##          Eldest  484    2  486
##             Sum 1672   20 1692
```

```r
# father alc/drug problem
svytable(~alfonso_cohort + ch82, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 ch82
## alfonso_cohort    0    1  Sum
##    Youngest     425  119  544
##    Middle Young 270   82  352
##    Middle Age   238   31  268
##    Eldest       237   21  257
##    Sum         1169  252 1421
```

```r
svytable(~brom3_agecohort + ch82, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               ch82
## brom3_agecohort    0    1  Sum
##        Youngest  425  119  544
##          Middle  418  101  520
##          Eldest  326   32  358
##             Sum 1169  252 1421
```

Parental Suicidality

```r
# mother suicidality
svytable(~alfonso_cohort + ch67, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 ch67
## alfonso_cohort    0    1  Sum
##    Youngest     600    3  603
##    Middle Young 397    3  400
##    Middle Age   336    7  343
##    Eldest       330    1  331
##    Sum         1664   13 1676
```

```r
svytable(~brom3_agecohort + ch67, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               ch67
## brom3_agecohort   0   1  Sum
##        Youngest 600   3  603
##          Middle 588   6  594
##          Eldest 475   5  480
##             Sum 1664 13 1676
```

```r
# father suicidality
svytable(~alfonso_cohort + ch97, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                ch97
## alfonso_cohort    0   1  Sum
##    Youngest     553   2  555
##    Middle Young 357   7  364
##    Middle Age   266   1  267
##    Eldest       249   0  249
##    Sum         1425   9 1434
```

```r
svytable(~brom3_agecohort + ch97, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               ch97
## brom3_agecohort   0   1  Sum
##        Youngest 553   2  555
##          Middle 520   7  528
##          Eldest 351   0  351
##             Sum 1425   9 1434
```

Abortions

```r
# had an abortion
svytable(~alfonso_cohort + cn6, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                cn6
## alfonso_cohort   0   1 Sum
##    Youngest    121 119 240
##    Middle Young 73 128 201
##    Middle Age   58 132 190
##    Eldest      113  99 212
##    Sum         365 477 842
```

```r
svytable(~brom3_agecohort + cn6, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               cn6
## brom3_agecohort   0   1 Sum
##       Youngest 121 119 240
##         Middle 105 202 307
##         Eldest 139 156 295
##         Sum    365 477 842
```

```r
# number of abortions
### continuous variable so frequency table less intuitive; just wanted to know
svytable(~alfonso_cohort + cn6a, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               cn6a
## alfonso_cohort   1   2   3   4   5   6   7   8   9  10  11  12  13  14  15
##    Youngest     57  38   7   8   2   1   3   0   0   0   0   0   0   0   0
##    Middle Young 34  48  18   6   8   2   4   4   0   1   0   0   0   0   0
##    Middle Age   31  36  11  17  13   6   5   1   2   4   0   0   1   0   0
##    Eldest       24  28  21   5   6   2   5   2   2   2   0   0   0   0   0
##    Sum         146 150  57  37  30  10  16   7   5   7   0   0   1   0   0
##               cn6a
## alfonso_cohort  16  17  18  23  25  29  30 Sum
##    Youngest      0   0   0   0   0   0   0 118
##    Middle Young  0   0   1   0   0   0   0 127
##    Middle Age    0   1   0   0   0   0   0 128
##    Eldest        0   1   0   0   0   0   0  98
##    Sum           0   2   1   0   0   0   0 471
```

```r
svytable(~brom3_agecohort + cn6a, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               cn6a
## brom3_agecohort   1   2   3   4   5   6   7   8   9  10  11  12  13  14
##       Youngest   57  38   7   8   2   1   3   0   0   0   0   0   0   0
##         Middle   56  71  24  13  15   4   5   5   2   1   0   0   1   0
##         Eldest   33  41  26  16  13   5   7   2   2   5   0   0   1   0
##         Sum     146 150  57  37  30  10  16   7   5   7   0   0   1   0
##               cn6a
## brom3_agecohort  15  16  17  18  23  25  29  30 Sum
##       Youngest    0   0   0   0   0   0   0   0 118
##         Middle    0   0   0   1   0   0   0   0 198
##         Eldest    0   0   2   0   0   0   0   0 155
##         Sum       0   0   2   1   0   0   0   0 471
```

Social Network

```r
# ability to rely on friends/family
svytable(~alfonso_cohort + sn6, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                sn6
## alfonso_cohort    1    2    3    4    8    9  Sum
##    Youngest      356  139   77   32   10    0  615
##    Middle Young  238  103   35   22    5    0  404
##    Middle Age    165   81   67   37    5    0  354
##    Eldest        175   64   53   42    9    2  344
##    Sum           935  388  232  132   29    2 1717
```

```r
svytable(~brom3_agecohort + sn6, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 sn6
## brom3_agecohort    1    2    3    4    8    9  Sum
##        Youngest   356  139   77   32   10    0  615
##        Middle     332  153   76   36    8    0  605
##        Eldest     247   95   79   64   11    2  497
##        Sum        935  388  232  132   29    2 1717
```

```r
# ability to open up
svytable(~alfonso_cohort + sn6, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                sn6
## alfonso_cohort    1    2    3    4    8    9  Sum
##    Youngest      356  139   77   32   10    0  615
##    Middle Young  238  103   35   22    5    0  404
##    Middle Age    165   81   67   37    5    0  354
##    Eldest        175   64   53   42    9    2  344
##    Sum           935  388  232  132   29    2 1717
```

```r
svytable(~brom3_agecohort + sn6, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 sn6
## brom3_agecohort    1    2    3    4    8    9  Sum
##        Youngest   356  139   77   32   10    0  615
##        Middle     332  153   76   36    8    0  605
##        Eldest     247   95   79   64   11    2  497
##        Sum        935  388  232  132   29    2 1717
```

```r
# contact with family
svytable(~alfonso_cohort + sn1, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##              sn1
## alfonso_cohort   1   2   3   4   5   6   7   8   9  Sum
##    Youngest    211  58 122  99  88  10  27   1   0  615
##    Middle Young 142  46  68  71  59   2  15   0   0  404
##    Middle Age  114  42  75  56  49  10   7   1   0  354
##    Eldest      116  23  52  75  59  16   2   3   1  346
##    Sum         583 170 317 301 255  38  50   5   1 1720
```

```
svytable(~brom3_agecohort + sn1, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               sn1
## brom3_agecohort   1   2   3   4   5   6   7   8   9  Sum
##        Youngest 211  58 122  99  88  10  27   1   0  615
##        Middle   202  71 104 107  91   9  21   1   0  605
##        Eldest   169  41  91  95  76  20   3   3   1  500
##        Sum      583 170 317 301 255  38  50   5   1 1720
```

```
# contact with friends
svytable(~alfonso_cohort + sn2, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##              sn2
## alfonso_cohort   1   2   3   4   5   6   7   8  Sum
##    Youngest    304  99 100  70  31   0  11   0  615
##    Middle Young 176  55  76  53  29   1  14   0  404
##    Middle Age  129  44  63  53  45   2  17   1  354
##    Eldest      117  44  48  44  55   3  32   4  346
##    Sum         726 242 287 221 160   5  74   6 1720
```

```
svytable(~brom3_agecohort + sn2, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               sn2
## brom3_agecohort   1   2   3   4   5   6   7   8  Sum
##        Youngest 304  99 100  70  31   0  11   0  615
##        Middle   246  82 113  91  50   3  20   0  605
##        Eldest   176  61  74  59  79   3  42   5  500
##        Sum      726 242 287 221 160   5  74   6 1720
```

Mental Disorders

```
# affective
svytable(~alfonso_cohort + aff, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##             aff
## alfonso_cohort    0    1  Sum
##   Youngest       548   68  615
##   Middle Young   346   58  404
##   Middle Age     273   82  354
##   Eldest         254   92  346
##   Sum           1421  299 1720
```

```r
svytable(~brom3_agecohort + aff, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 aff
## brom3_agecohort    0    1   Sum
##        Youngest  548   68  615
##        Middle    502  103  605
##        Eldest    371  129  500
##        Sum      1421  299 1720
```

```r
# alcohol
svytable(~alfonso_cohort + alc, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##             alc
## alfonso_cohort    0    1  Sum
##   Youngest       499  116  615
##   Middle Young   329   75  404
##   Middle Age     311   44  354
##   Eldest         330   16  346
##   Sum           1469  251 1720
```

```r
svytable(~brom3_agecohort + alc, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 alc
## brom3_agecohort    0    1   Sum
##        Youngest  499  116  615
##        Middle    501  104  605
##        Eldest    469   31  500
##        Sum      1469  251 1720
```

```r
# ied
svytable(~alfonso_cohort + ied, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##             ied
## alfonso_cohort    0    1  Sum
##   Youngest       579   36  615
```

```
##    Middle Young  382   22  404
##    Middle Age    343   11  354
##    Eldest        340    6  346
##    Sum          1644   76 1720
```

```
svytable(~brom3_agecohort + ied, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                ied
## brom3_agecohort    0    1  Sum
##        Youngest  579   36  615
##        Middle    577   28  605
##        Eldest    488   11  500
##        Sum      1644   76 1720
```

```
# anxiety
svytable(~alfonso_cohort + aff, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                aff
## alfonso_cohort    0    1  Sum
##    Youngest      548   68  615
##    Middle Young  346   58  404
##    Middle Age    273   82  354
##    Eldest        254   92  346
##    Sum          1421  299 1720
```

```
svytable(~brom3_agecohort + aff, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                aff
## brom3_agecohort    0    1  Sum
##        Youngest  548   68  615
##        Middle    502  103  605
##        Eldest    371  129  500
##        Sum      1421  299 1720
```

```
# any
svytable(~alfonso_cohort + any, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                any
## alfonso_cohort    0    1  Sum
##    Youngest      409  206  615
##    Middle Young  266  138  404
##    Middle Age    223  131  354
##    Eldest        229  117  346
##    Sum          1128  592 1720
```

```
svytable(~brom3_agecohort + any, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                any
## brom3_agecohort   0    1  Sum
##        Youngest  409  206  615
##        Middle    391  215  605
##        Eldest    328  172  500
##        Sum      1128  592 1720
```

Military

Sample sizes too small; cannot use.

```
svytable(~alfonso_cohort + pt1, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                pt1
## alfonso_cohort    0    1   Sum
##    Youngest      601   14   615
##    Middle Young  396    8   404
##    Middle Age    346    8   354
##    Eldest        300   46   346
##    Sum          1643   77  1720
```

```
svytable(~brom3_agecohort + pt1, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                  pt1
## brom3_agecohort    0    1   Sum
##        Youngest   601   14   615
##        Middle     589   16   605
##        Eldest     453   47   500
##        Sum       1643   77  1720
```

Suicidality

```
# ideate
svytable(~alfonso_cohort + ideate, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                ideate
## alfonso_cohort    0    1  Sum
##    Youngest      551   64  615
##    Middle Young  366   38  404
```

```
## Middle Age    327    27   354
## Eldest        318    28   346
## Sum          1563   157  1720
```

```r
svytable(~brom3_agecohort + ideate, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                  ideate
## brom3_agecohort    0    1   Sum
##         Youngest  551   64   615
##         Middle    553   53   605
##         Eldest    459   41   500
##         Sum      1563  157  1720
```

```r
# plan
svytable(~alfonso_cohort + plan, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 plan
## alfonso_cohort    0    1   Sum
##    Youngest      593   22   615
##    Middle Young  396    8   404
##    Middle Age    344   11   354
##    Eldest        336   11   346
##    Sum          1668   52  1720
```

```r
svytable(~brom3_agecohort + plan, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                  plan
## brom3_agecohort    0    1   Sum
##         Youngest  593   22   615
##         Middle    592   14   605
##         Eldest    483   16   500
##         Sum      1668   52  1720
```

```r
# attempt
svytable(~alfonso_cohort + attempt, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                  attempt
## alfonso_cohort    0    1   Sum
##    Youngest      596   19   615
##    Middle Young  399    5   404
##    Middle Age    350    5   354
##    Eldest        343    4   346
##    Sum          1687   33  1720
```

```r
svytable(~brom3_agecohort + attempt, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 attempt
## brom3_agecohort    0    1  Sum
##        Youngest   596   19  615
##          Middle   597    8  605
##           Eldest   494    5  500
##             Sum  1687   33 1720
```

```r
# attempt without planning
attemptnoplan <-
  cididata_pt2 %>%
  filter(attempt == 1 & plan == 0)
svyattemptnoplan <-
  svydesign(ids = ~secu, strata = ~strata, weights = ~weight2, nest = T,
            data = subset(attemptnoplan, attemptnoplan$weight2>0))
options(survey.lonely.psu = "adjust")
svytable(~alfonso_cohort, design = svyattemptnoplan) %>% round()
```

```
## alfonso_cohort
##       Youngest Middle Young   Middle Age        Eldest
##              9             2            1             1
```

```r
svytable(~brom3_agecohort, design = svyattemptnoplan) %>% round()
```

```
## brom3_agecohort
## Youngest    Middle    Eldest
##        9         3         1
```

```r
# ideate, plan, and attempt by cohort
all3 <-
  cididata_pt2 %>%
  filter(ideate == 1 & plan == 1 & attempt == 1)
svyall3 <-
  svydesign(ids = ~secu, strata = ~strata, weights = ~weight2, nest = T,
            data = subset(all3, all3$weight2>0))
options(survey.lonely.psu = "adjust")
svytable(~alfonso_cohort, design = svyall3) %>% round()
```

```
## alfonso_cohort
##       Youngest Middle Young   Middle Age        Eldest
##             10             3            4             2
```

```r
svytable(~brom3_agecohort, design = svyall3) %>% round()
```

```
## brom3_agecohort
## Youngest    Middle    Eldest
##       10         5         4
```

Religion

```
# orthodox counts by cohort
svytable(~alfonso_cohort + de32_1, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               de32_1
## alfonso_cohort   0    1  Sum
##    Youngest     240  375  615
##    Middle Young 152  252  404
##    Middle Age   147  207  354
##    Eldest       133  213  346
##    Sum          672 1048 1720
```

```
svytable(~brom3_agecohort + de32_1, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               de32_1
## brom3_agecohort   0    1  Sum
##        Youngest  240  375  615
##        Middle    254  352  605
##        Eldest    179  320  500
##        Sum       672 1048 1720
```

```
# uniate counts by cohort
svytable(~alfonso_cohort + de32_2, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               de32_2
## alfonso_cohort    0    1  Sum
##    Youngest      576   39  615
##    Middle Young  385   19  404
##    Middle Age    340   15  354
##    Eldest        307   39  346
##    Sum          1608  112 1720
```

```
svytable(~brom3_agecohort + de32_2, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##               de32_2
## brom3_agecohort    0    1  Sum
##        Youngest   576   39  615
##        Middle     578   27  605
##        Eldest     454   46  500
##        Sum       1608  112 1720
```

```r
# other religion counts by cohort
svytable(~alfonso_cohort + de32_other, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 de32_other
## alfonso_cohort    0    1  Sum
##   Youngest       517   98  615
##   Middle Young   336   68  404
##   Middle Age     278   76  354
##   Eldest         307   40  346
##   Sum           1438  282 1720
```

```r
svytable(~brom3_agecohort + de32_other, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 de32_other
## brom3_agecohort    0    1  Sum
##        Youngest   517   98  615
##        Middle    484  121  605
##        Eldest    437   63  500
##        Sum      1438  282 1720
```

```r
# no religion counts by cohort
svytable(~alfonso_cohort + de32_9, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 de32_9
## alfonso_cohort    0    1  Sum
##   Youngest       537   79  615
##   Middle Young   343   61  404
##   Middle Age     303   52  354
##   Eldest         307   39  346
##   Sum           1489  231 1720
```

```r
svytable(~brom3_agecohort + de32_9, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                 de32_9
## brom3_agecohort    0    1  Sum
##        Youngest   537   79  615
##        Middle    508   97  605
##        Eldest    444   55  500
##        Sum      1489  231 1720
```

```r
# religiosity counts
svytable(~alfonso_cohort + de34, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                de34
## alfonso_cohort    1    2    3    4  Sum
##    Youngest     115  226  120  132  592
##    Middle Young  92  131   58  110  391
##    Middle Age    63  135   66   76  340
##    Eldest       121  114   45   63  343
##    Sum          390  607  288  381 1666
```

```r
svytable(~brom3_agecohort + de34, design = SuicidePart2) %>%
  addmargins() %>%
  round()
```

```
##                de34
## brom3_agecohort    1    2    3    4  Sum
##        Youngest  115  226  120  132  592
##        Middle    122  207   95  160  583
##        Eldest    153  174   73   90  490
##        Sum       390  607  288  381 1666
```

Univariate Models

Cohort

```r
# Bromet cohort
svyglm(ideate~brom3_agecohort, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ brom3_agecohort, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##                       Estimate Std. Error t value Pr(>|t|)
## (Intercept)            -2.1545     0.1445 -14.911   <2e-16 ***
## brom3_agecohortMiddle  -0.1984     0.2584  -0.768    0.448
## brom3_agecohortEldest  -0.2701     0.1837  -1.470    0.150
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 5
```

```r
svyglm(plan~brom3_agecohort, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ brom3_agecohort, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##                       Estimate Std. Error t value Pr(>|t|)
## (Intercept)           -3.28729    0.15013 -21.897   <2e-16 ***
## brom3_agecohortMiddle -0.48332    0.21963  -2.201   0.0343 *
## brom3_agecohortEldest -0.09289    0.23755  -0.391   0.6981
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~brom3_agecohort, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ brom3_agecohort, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##                       Estimate Std. Error t value Pr(>|t|)
## (Intercept)            -3.4481     0.1857 -18.569  < 2e-16 ***
## brom3_agecohortMiddle  -0.8193     0.2845  -2.880 0.006658 **
## brom3_agecohortEldest  -1.0646     0.2495  -4.266 0.000138 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 7
```

```r
# Alfonso cohort
svyglm(ideate~alfonso_cohort, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ alfonso_cohort, design = SuicidePart2,
##      family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##          0))
##
## Coefficients:
##                             Estimate Std. Error t value Pr(>|t|)
## (Intercept)                  -2.1545     0.1445 -14.911   <2e-16 ***
## alfonso_cohortMiddle Young   -0.1089     0.3065  -0.355    0.724
## alfonso_cohortMiddle Age     -0.3406     0.2656  -1.282    0.208
## alfonso_cohortEldest         -0.2720     0.2274  -1.196    0.240
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 5
```

```r
svyglm(plan~alfonso_cohort, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ alfonso_cohort, design = SuicidePart2,
##      family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##          0))
##
## Coefficients:
##                             Estimate Std. Error t value Pr(>|t|)
## (Intercept)                  -3.2873     0.1501 -21.897   <2e-16 ***
## alfonso_cohortMiddle Young   -0.5554     0.2549  -2.179   0.0362 *
## alfonso_cohortMiddle Age     -0.1642     0.3088  -0.532   0.5982
## alfonso_cohortEldest         -0.1578     0.2662  -0.593   0.5571
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~alfonso_cohort, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
```

```
## Call:
## svyglm(formula = attempt ~ alfonso_cohort, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##                            Estimate Std. Error t value Pr(>|t|)
## (Intercept)                 -3.4481     0.1857 -18.569  < 2e-16 ***
## alfonso_cohortMiddle Young  -0.8468     0.3862  -2.192  0.03509 *
## alfonso_cohortMiddle Age    -0.8480     0.3113  -2.725  0.00998 **
## alfonso_cohortEldest        -1.1113     0.3760  -2.955  0.00555 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 7
```

Sex

```
svyglm(ideate~SEX, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ SEX, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.0126     0.1221 -16.484  < 2e-16 ***
## SEX1         -0.7593     0.2131  -3.564  0.00103 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 5
```

```
svyglm(plan~SEX, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
```

```
## Call:
## svyglm(formula = plan ~ SEX, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.2541     0.1082 -30.068   <2e-16 ***
## SEX1         -0.5390     0.2556  -2.109   0.0418 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~SEX, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ SEX, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.6993     0.1536 -24.082   <2e-16 ***
## SEX1         -0.6464     0.2653  -2.436   0.0198 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

Religion

```
# Orthodox
svyglm(ideate~de32_1, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ de32_1, design = SuicidePart2, family = quasibinomial("logit"))
```

```
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.27481    0.16363  -13.90 2.89e-16 ***
## de32_11     -0.03727    0.23261   -0.16    0.874
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~de32_1, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ de32_1, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.3233     0.1720 -19.320   <2e-16 ***
## de32_11     -0.2412     0.1991  -1.211    0.233
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~de32_1, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ de32_1, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
```

```
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.7181     0.2255 -16.491   <2e-16 ***
## de32_11      -0.3979     0.2691  -1.479    0.148
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
# Uniate
svyglm(ideate~de32_2, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ de32_2, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.2867     0.1026  -22.30   <2e-16 ***
## de32_21      -0.1748     0.4158   -0.42    0.677
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~de32_2, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ de32_2, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.4221     0.1198 -28.575   <2e-16 ***
## de32_21      -0.9506     0.7541  -1.261    0.215
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~de32_2, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ de32_2, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.8978     0.1645 -23.700   <2e-16 ***
## de32_21      -1.0659     0.4956  -2.151   0.0381 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 7
```

```
# Other
svyglm(ideate~de32_other, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ de32_other, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.30841    0.11359 -20.322   <2e-16 ***
## de32_other1  0.06576    0.23826   0.276    0.784
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~de32_other, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ de32_other, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.5623     0.1391 -25.607   <2e-16 ***
## de32_other1   0.4953     0.2179   2.273   0.0289 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~de32_other, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ de32_other, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.0710     0.1941 -20.978   <2e-16 ***
## de32_other1   0.6148     0.3064   2.007   0.0521 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
# None
svyglm(ideate~de32_9, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
```

```
## Call:
## svyglm(formula = ideate ~ de32_9, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##          0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -2.3147     0.1093 -21.180   <2e-16 ***
## de32_91        0.1239     0.3419   0.362    0.719
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~de32_9, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ de32_9, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##          0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -3.4973     0.1058 -33.069   <2e-16 ***
## de32_91        0.2290     0.3304   0.693    0.493
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~de32_9, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ de32_9, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##          0))
```

```
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.9749     0.1410 -28.199   <2e-16 ***
## de32_91       0.2235     0.4088   0.547    0.588
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
## 
## Number of Fisher Scoring iterations: 6
```

```
# importance of religion
svyglm(ideate~de34, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = ideate ~ de34, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.37546    0.20085 -11.827 8.83e-14 ***
## de342        0.05506    0.24897   0.221    0.826
## de343       -0.09678    0.29112  -0.332    0.742
## de344        0.04728    0.34856   0.136    0.893
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 0.9967209)
## 
## Number of Fisher Scoring iterations: 5
```

```
svyglm(plan~de34, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = plan ~ de34, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.40554    0.18865 -18.053   <2e-16 ***
```

```
## de342          0.01029     0.24760    0.042     0.967
## de343         -0.18955     0.31710   -0.598     0.554
## de344         -0.26121     0.29356   -0.890     0.380
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.9967209)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~de34, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ de34, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -4.04794    0.28226 -14.341  3.2e-16 ***
## de342        0.07448    0.36923   0.202    0.841
## de343       -0.06689    0.41133  -0.163    0.872
## de344        0.14995    0.44016   0.341    0.735
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.9967209)
##
## Number of Fisher Scoring iterations: 6
```

Marital Status

```r
svyglm(ideate~married, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ married, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
```

```
## (Intercept)  -1.8459      0.1264 -14.603  < 2e-16 ***
## married1      -0.8865      0.1844  -4.809 2.54e-05 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 5
```

```r
svyglm(plan~married, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ married, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.9574      0.1676 -17.641  < 2e-16 ***
## married1      -1.0659      0.2657  -4.013 0.000281 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~married, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ married, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.3740      0.1736 -19.441  < 2e-16 ***
## married1      -1.2647      0.2375  -5.326 5.13e-06 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 7
```

Cancer

```r
# Cancer present
svyglm(ideate~cc1tz, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = ideate ~ cc1tz, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##        0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.3277     0.1026 -22.692   <2e-16 ***
## cc1tz1        1.2688     0.6979   1.818   0.0772 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.001395)
## 
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~cc1tz, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = plan ~ cc1tz, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##        0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.4970     0.1237 -28.266   <2e-16 ***
## cc1tz1        0.9926     0.4037   2.459   0.0187 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.001395)
## 
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~cc1tz, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = attempt ~ cc1tz, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.9611     0.1523 -26.004   <2e-16 ***
## cc1tz1        1.0715     0.5510   1.945   0.0595 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.001395)
## 
## Number of Fisher Scoring iterations: 6
```

Socio-economic Status

```
# Years of Education
svyglm(ideate~de20, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = ideate ~ de20, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -1.82235    0.29907  -6.093 4.69e-07 ***
## de20        -0.04176    0.02422  -1.725   0.0929 .
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.001923)
## 
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~de20, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
```

```
## svyglm(formula = plan ~ de20, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.98168    0.43414  -6.868 4.25e-08 ***
## de20        -0.04249    0.03737  -1.137    0.263
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.005732)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~de20, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ de20, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.38925    0.38697  -8.758  1.5e-10 ***
## de20        -0.04891    0.03132  -1.561    0.127
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.001616)
##
## Number of Fisher Scoring iterations: 6
```

```r
# monthly HH income
svyglm(ideate~fnu1, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ fnu1, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
```

```
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.2087559  0.1566264 -14.102   <2e-16 ***
## fnu1        -0.0002302  0.0003528  -0.653    0.518
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.9611973)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~fnu1, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ fnu1, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.2904311  0.1860640 -17.684   <2e-16 ***
## fnu1        -0.0002178  0.0004489  -0.485     0.63
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.9619659)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~fnu1, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ fnu1, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.8499312  0.2121207 -18.150   <2e-16 ***
## fnu1        -0.0001123  0.0004440  -0.253    0.802
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## (Dispersion parameter for quasibinomial family taken to be 0.9609046)
##
## Number of Fisher Scoring iterations: 6
```

```
# financial status
svyglm(ideate~fnu4, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ fnu4, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.1713     0.1393 -15.587   <2e-16 ***
## fnu42        -0.1372     0.1622  -0.846    0.403
## fnu43        -0.3373     0.3110  -1.084    0.286
## fnu44        -0.2121     0.4485  -0.473    0.639
## fnu45       -12.4635     0.6015 -20.722   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.9973887)
##
## Number of Fisher Scoring iterations: 13
```

```
svyglm(plan~fnu4, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ fnu4, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##      nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.16112    0.14292 -22.118  < 2e-16 ***
## fnu42        -0.53170    0.18080  -2.941  0.00585 **
## fnu43        -0.46433    0.34213  -1.357  0.18367
## fnu44        -0.07785    0.50735  -0.153  0.87896
## fnu45       -12.47360    0.61022 -20.441  < 2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## (Dispersion parameter for quasibinomial family taken to be 0.9973887)
##
## Number of Fisher Scoring iterations: 14
```

```r
svyglm(attempt~fnu4, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ fnu4, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.88732    0.17167 -22.645   <2e-16 ***
## fnu42        -0.05709    0.20163  -0.283    0.779
## fnu43        -0.08289    0.42429  -0.195    0.846
## fnu44        -0.15241    0.98234  -0.155    0.878
## fnu45       -11.74740    0.61008 -19.255   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.9973887)
##
## Number of Fisher Scoring iterations: 14
```

```r
# employment status
svyglm(ideate~emp, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ emp, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.24818    0.16412 -13.699 4.58e-16 ***
## emp         -0.02124    0.05390  -0.394    0.696
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000572)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~emp, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ emp, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.66801    0.25867 -14.180   <2e-16 ***
## emp          0.08401    0.07300   1.151    0.257
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000678)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~emp, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ emp, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.68907    0.24601 -14.995   <2e-16 ***
## emp         -0.11448    0.07498  -1.527    0.135
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.001322)
##
## Number of Fisher Scoring iterations: 6
```

Urbanicity

```
svyglm(ideate~io16, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = ideate ~ io16, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.38409    0.23261 -10.249 2.33e-12 ***
## io16         0.03060    0.06836   0.448    0.657
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.000611)
## 
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~io16, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = plan ~ io16, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.57441    0.28411 -12.581  6.2e-15 ***
## io16         0.03891    0.08619   0.451    0.654
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.000612)
## 
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~io16, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = attempt ~ io16, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
```

```
##          0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.3118     0.4647  -9.278  3.4e-11 ***
## io16          0.1255     0.1269   0.989    0.329
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000234)
##
## Number of Fisher Scoring iterations: 6
```

Proximity to Chernobyl

```
svyglm(ideate~live_chernobyl, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ live_chernobyl, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##                 Estimate Std. Error t value Pr(>|t|)
## (Intercept)      -2.2730     0.1070  -21.25   <2e-16 ***
## live_chernobyl1  -0.2921     0.2609   -1.12     0.27
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~live_chernobyl, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ live_chernobyl, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
```

```
##           0))
##
## Coefficients:
##                Estimate Std. Error t value Pr(>|t|)
## (Intercept)     -3.4514     0.1089 -31.708   <2e-16 ***
## live_chernobyl1 -0.1388     0.4133  -0.336    0.739
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~live_chernobyl, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ live_chernobyl, design = SuicidePart2,
##     family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##                Estimate Std. Error t value Pr(>|t|)
## (Intercept)     -3.9773     0.1509 -26.357   <2e-16 ***
## live_chernobyl1  0.3285     0.5467   0.601    0.552
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

Parental Substance Use

```
# mother
svyglm(ideate~ch52, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ ch52, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
```

```
##          0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.3280     0.1027 -22.676   <2e-16 ***
## ch521         1.4473     0.6388   2.266   0.0294 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.006429)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~ch52, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ ch52, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.5276     0.1293 -27.279  < 2e-16 ***
## ch521         1.8550     0.4690   3.955 0.000333 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.006429)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~ch52, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ ch52, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.0388     0.1754 -23.026  < 2e-16 ***
## ch521         2.0516     0.5707   3.595 0.000941 ***
## ---
```

```
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.006429)
##
## Number of Fisher Scoring iterations: 6
```

```r
# father
svyglm(ideate~ch82, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ ch82, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.4864     0.1216 -20.456  < 2e-16 ***
## ch821         0.7750     0.1978   3.917 0.000371 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.020447)
##
## Number of Fisher Scoring iterations: 5
```

```r
svyglm(plan~ch82, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ ch82, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.5894     0.1604 -22.373   <2e-16 ***
## ch821         0.5945     0.2556   2.325   0.0256 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.020447)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~ch82, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ ch82, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.1887     0.2206 -18.987  < 2e-16 ***
## ch821         0.7914     0.2330   3.396  0.00164 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.020447)
##
## Number of Fisher Scoring iterations: 6
```

Parental Suicidality

```
# mother
svyglm(ideate~ch67, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ ch67, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.3303     0.1037 -22.470   <2e-16 ***
## ch671         1.0286     0.6819   1.508     0.14
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.003202)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~ch67, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ ch67, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.5144     0.1348 -26.066   <2e-16 ***
## ch671         1.7260     0.6394   2.699   0.0104 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.003202)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~ch67, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ ch67, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.0420     0.1721 -23.485   <2e-16 ***
## ch671         1.8789     0.6972   2.695   0.0105 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.003202)
##
## Number of Fisher Scoring iterations: 6
```

```
# father
svyglm(ideate~ch97, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
```

```
## svyglm(formula = ideate ~ ch97, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -2.3252     0.1170 -19.876    <2e-16 ***
## ch971         -0.9986     1.1244  -0.888      0.38
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.027133)
##
## Number of Fisher Scoring iterations: 5
```

```r
svyglm(plan~ch97, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ ch97, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##               Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -3.5429     0.1414  -25.05    <2e-16 ***
## ch971        -13.1745     0.4728  -27.86    <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.020441)
##
## Number of Fisher Scoring iterations: 15
```

```r
svyglm(attempt~ch97, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ ch97, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
```

```
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.0373     0.1966  -20.53   <2e-16 ***
## ch971       -12.6801     0.4746  -26.72   <2e-16 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.020441)
##
## Number of Fisher Scoring iterations: 15
```

Abortions

```
# have you ever had an abortion?
svyglm(ideate~cn6, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ cn6, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.2070     0.1573  -14.03   <2e-16 ***
## cn61          0.2927     0.2218    1.32    0.195
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.8311948)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~cn6, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ cn6, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
```

```
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.6005     0.1982 -18.167   <2e-16 ***
## cn61          0.5606     0.2273   2.466   0.0184 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.8311948)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~cn6, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ cn6, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.9663     0.2459 -16.131   <2e-16 ***
## cn61          0.3890     0.2954   1.317    0.196
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.8311948)
##
## Number of Fisher Scoring iterations: 6
```

```
# number of abortions
svyglm(ideate~cn6a, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ cn6a, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.24372    0.26659  -8.416 7.93e-10 ***
## cn6a         0.10192    0.03675   2.773  0.00894 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
```

```
## (Dispersion parameter for quasibinomial family taken to be 0.7749497)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~cn6a, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ cn6a, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -3.55687    0.16517 -21.535  < 2e-16 ***
## cn6a         0.13702    0.02534   5.408 5.07e-06 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.746414)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~cn6a, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ cn6a, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##              Estimate Std. Error t value Pr(>|t|)
## (Intercept) -4.16705    0.26292 -15.849  < 2e-16 ***
## cn6a         0.15321    0.04315   3.551  0.00115 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 0.7845881)
##
## Number of Fisher Scoring iterations: 6
```

Social Network

Mental Disorders

```r
# anxiety
svyglm(ideate~anx, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ anx, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##        0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.4005     0.1107 -21.677  < 2e-16 ***
## anx           0.9079     0.2638   3.441  0.00145 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~anx, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ anx, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##        0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.6296     0.1378 -26.335  < 2e-16 ***
## anx           1.2033     0.3050   3.945 0.000343 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~anx, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ anx, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.1216     0.1749 -23.561  < 2e-16 ***
## anx           1.2515     0.2975   4.206 0.000158 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```
# affective
svyglm(ideate~aff, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ aff, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.5901     0.1418 -18.270  < 2e-16 ***
## aff           1.1638     0.1663   6.997 2.86e-08 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~aff, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
```

```
## svyglm(formula = plan ~ aff, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.0419     0.1843 -21.925  < 2e-16 ***
## aff           1.7590     0.2089   8.419 4.01e-10 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~aff, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ aff, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.5037     0.2739 -16.445  < 2e-16 ***
## aff           1.7059     0.3060   5.575 2.36e-06 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 7
```

```r
# alc
svyglm(ideate~alc, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ alc, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
```

```
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept) -2.298668   0.116403 -19.748   <2e-16 ***
## alc          0.008856   0.235852   0.038     0.97
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
## 
## Number of Fisher Scoring iterations: 4
```

```
svyglm(plan~alc, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = plan ~ alc, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.5843     0.1186 -30.224   <2e-16 ***
## alc           0.6400     0.2498   2.562   0.0146 *
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
## 
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
## 
## Number of Fisher Scoring iterations: 6
```

```
svyglm(attempt~alc, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
## 
## Call:
## svyglm(formula = attempt ~ alc, design = SuicidePart2, family = quasibinomial("logit"))
## 
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
## 
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.1691     0.1508 -27.648  < 2e-16 ***
## alc           1.0246     0.2982   3.436  0.00147 **
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
```

```
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
# ied
svyglm(ideate~ied, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ ied, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.3961     0.1123 -21.335  < 2e-16 ***
## ied           1.3594     0.1998   6.805 5.17e-08 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~ied, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = plan ~ ied, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -3.6586     0.1405 -26.033  < 2e-16 ***
## ied           1.8756     0.3092   6.066 5.11e-07 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~ied, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ ied, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.2027     0.1768 -23.770  < 2e-16 ***
## ied           2.1350     0.2320   9.201 4.22e-11 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
# any
svyglm(ideate~any, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = ideate ~ any, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -2.6953     0.1794 -15.020  < 2e-16 ***
## any           0.9199     0.2052   4.482 6.89e-05 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 4
```

```r
svyglm(plan~any, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
```

```
## svyglm(formula = plan ~ any, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  -4.3636     0.1920  -22.72  < 2e-16 ***
## any           1.6853     0.2125    7.93  1.7e-09 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 6
```

```r
svyglm(attempt~any, family = quasibinomial("logit"), design = SuicidePart2) %>%
  summary()
```

```
##
## Call:
## svyglm(formula = attempt ~ any, design = SuicidePart2, family = quasibinomial("logit"))
##
## Survey design:
## svydesign(ids = ~secu, strata = ~strata, weights = ~weight2,
##     nest = T, data = subset(cididata_pt2, cididata_pt2$weight2 >
##         0))
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)   -5.343      0.328 -16.287  < 2e-16 ***
## any            2.317      0.279   8.302 5.64e-10 ***
## ---
## Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1
##
## (Dispersion parameter for quasibinomial family taken to be 1.000582)
##
## Number of Fisher Scoring iterations: 7
```