trial

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Contents

```r
library(tidyverse)
library(knitr)
library(kableExtra)
library("foreign") #install.packages("foreign")
USHS2021 <- read.spss("daF3616E.sav", to.data.frame=TRUE)
```

```r
ushs <- USHS2021 |>
  mutate(Gender = bv2 |> factor() |>
           fct_recode("Male" = "1", "Female" = "2"),

         Mental_health = k4 |> factor() |>
           fct_recode("Good" = "1",
                      "Fairly good" = "2",
                      "Average" = "3",
                      "Fairly poor" = "4",
                      "Poor" = "5"),

         Aloneness = k81 |> factor() |>
           fct_recode("Never" = "1",
                      "Very rarely" = "2",
                      "Sometimes" = "3",
                      "Fairly often" = "4",
                      "All the time" = "5"),

#K14 variable:Over the past 4 weeks, for how much of the time have you felt...
         Very_nervouse = k14_1 |> factor() |>
           fct_recode("All the time" = "1",
                      "most of the time" = "2",
                      "amount of the time" = "3",
                      "some of the time" = "4",
                      "not at all" = "5"),

         Low_mood = k14_2 |> factor() |>
           fct_recode("All the time" = "1",
                      "most of the time" = "2",
                      "amount of the time" = "3",
                      "some of the time" = "4",
                      "not at all" = "5"),
```

```r
        Calm_peaceful= k14_3 |> factor() |>
          fct_recode("All the time" = "1",
                     "most of the time" = "2",
                     "amount of the time" = "3",
                     "some of the time" = "4",
                     "not at all" = "5"),

        Downhearted_sad = k14_4 |> factor() |>
          fct_recode("All the time" = "1",
                     "most of the time" = "2",
                     "amount of the time" = "3",
                     "some of the time" = "4",
                     "not at all" = "5"),

        Happy = k14_5 |> factor() |>
          fct_recode("All the time" = "1",
                     "most of the time" = "2",
                     "amount of the time" = "3",
                     "some of the time" = "4",
                     "not at all" = "5"),

#K67 variable: Internet use and gambling, Do you think you have a problem with any of the following thi
        Social_media = k67_1 |> factor() |>
          fct_recode("No" = "0", "Yes" = "1"),
        Online_gaming = k67_2 |> factor() |>
          fct_recode("No" = "0", "Yes" = "1"),
        Online_porn = k67_3 |> factor() |>
          fct_recode("No" = "0", "Yes" = "1"),
        Shopping_online = k67_4 |> factor() |>
          fct_recode("No" = "0", "Yes" = "1"),
        No_ideas = k67_5 |> factor() |>
          fct_recode("No" = "0", "Yes" = "1"),

        Living_condition = k72 |> factor() |>
          fct_recode("Live Alone" = "1",
                     "Live with partner/child" = "2",
                     "Shared_flat" = "3",
                     "Shared household, with a joint lease agreement" = "4",
                     "Shared household, with a separate lease agreement" = "5",
                     "Live with parents" = "6",
                     "No ideas" = "7"
                     )
        )
```

```r
library(DT)
data14 <- ushs |>
  select(Very_nervouse:Happy)
data14 |> datatable()
```

Very_nervouse Low_mood Calm_peaceful Downhearted_sad Happy

```r
library(janitor)
t1 <- data14 |>
  pivot_longer(everything(), names_to = "Mood", values_to = "Frequency") |>
  tabyl(Mood, Frequency) |>
  adorn_percentages("row") |>
  adorn_pct_formatting() |>
  adorn_ns(position = "front")


t1$Mood <- c("Calm&Peaceful", "Downharted&Sad", "Happy", "Low mood", "Very nervous")


t1 |>
  select(-NA_,
         Mood,
         "Always" = "All the time",
         "Most time" = "Most of the time",
         "Often time" = "A good bit of the time",
         "Some time" = "Some of the time",
         "Little time" = "A little of the time",
         "Not at all") |>
  kable(booktab = T) |>
  kable_classic() |>
  landscape()
```

Mood	Always	Most time	Often time	Some time	Little time	Not at all
Calm&Peaceful	81 (1.3%)	1,610 (25.7%)	1,598 (25.5%)	1,600 (25.6%)	1,111 (17.8%)	182 (2.9%)
Downharted&Sad	123 (2.0%)	557 (8.9%)	1,047 (16.7%)	1,756 (28.1%)	2,016 (32.2%)	679 (10.9%)
Happy	259 (4.1%)	1,588 (25.4%)	1,460 (23.3%)	1,712 (27.4%)	990 (15.8%)	184 (2.9%)
Low mood	61 (1.0%)	317 (5.1%)	664 (10.6%)	1,290 (20.6%)	1,784 (28.5%)	2,064 (33.0%)
Very nervous	112 (1.8%)	588 (9.4%)	1,136 (18.2%)	1,829 (29.2%)	1,831 (29.3%)	699 (11.2%)

```r
t1 |>
  select(-NA_,
         "Always" = "All the time",
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         "Often time" = "A good bit of the time",
         "Some time" = "Some of the time",
         "Little time" = "A little of the time",
         "Not at all") |>
  kable(booktab = T,
        linesep = F,
        align = "lcccccc") |>
  kable_classic(latex_options = "striped") |>
  landscape() |>
  column_spec(1, width = "5cm")
```

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