

# Diagnostics of Variables

Simon J. Kiss

Matt Arp

Scott Lu

2022-06-07

Load the data.

```
library(here)
library(tidyverse)
#source("1_data_import.R")
source(here("R_Scripts", "2_value_labels.R"))
```

## Q1

```
# Variable labels
var_label(on22$Q1)
```

```
## [1] "On the whole, how satisfied are you with the way democracy works in Canada?"
```

```
#Values and Value Labels
val_labels(on22$Q1)
```

```
##      Very satisfied      Fairly satisfied      Not very satisfied
##              1              2              3
## Not at all satisfied
##              4
```

```
#Check all is coded properly
table(on22$Q1, as_factor(on22$Q1))
```

```
##
##      Very satisfied Fairly satisfied Not very satisfied Not at all satisfied
##  1           463           0           0           0
##  2           0          1129           0           0
##  3           0           0          377           0
##  4           0           0           0          132
```

## Q31

```
on22 %>%
  select(starts_with("Q31") & !ends_with("_x")) %>%
  val_labels()
```

```
## $Q31_1
##  0 Unable to Afford 10 - Able to Afford
##              0              10
##
## $Q31_2
##  0 Unable to Afford 10 - Able to Afford
```

```

##           0           10
##
## $Q31_3
## 0 Unable to Afford 10 - Able to Afford
##           0           10
##
## $Q31_4
## 0 Unable to Afford 10 - Able to Afford
##           0           10
##
## $Q31_5
## 0 Unable to Afford 10 - Able to Afford
##           0           10
##
## $Q31_6
## 0 Unable to Afford 10 - Able to Afford
##           0           10

```