

# Summary of Recodes

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## Introduction

This document tracks and summarizes basic data wrangling and recodes conducted at LISPOP for the 2021 Canadian Public Health Workforce and General Population Survey. The purpose of this document is to facilitate multi-institutional collaboration. LISPOP staff will take on the task of basic variable recodes and export data files for analysis by project researchers so that they can dedicate their attention to substantive analyses.

## Scientific Literacy Questions

We have recoded variables X, Y and Z into variables `know1`, `know2` and `know3` such that respondents were coded 1 if they were correct and 0 if they were incorrect. MATT ADD ANY INFORMATION HERE

```
full %>%
  select(Q14_1:Q14_4, starts_with('know')) %>%
  as_factor()
```

```
## # A tibble: 2,078 x 8
##   Q14_1      Q14_2      Q14_3      Q14_4      know1 know2 know3 know4
##   <fct>      <fct>      <fct>      <fct>      <dbl> <dbl> <dbl> <dbl>
## 1 Definitely F~ Probably True Probably Tr~ Definitely ~      1      0      1      1
## 2 Probably Fal~ Probably True Probably Fa~ Probably Fa~      1      0      0      0
## 3 Probably True Probably Fal~ Probably Tr~ Definitely ~      0      1      1      1
## 4 Definitely F~ Probably True Probably Tr~ Definitely ~      1      0      1      1
## 5 Definitely F~ Definitely F~ Definitely ~ Definitely ~      1      1      1      1
## 6 Probably True Definitely T~ Probably Tr~ Definitely ~      0      0      1      1
## 7 Definitely F~ Probably True Probably Tr~ Definitely ~      1      0      1      1
## 8 Probably Fal~ Probably True Probably Fa~ Definitely ~      1      0      0      1
## 9 Probably Fal~ Definitely F~ Probably Tr~ Probably Tr~      1      1      1      1
## 10 Probably Fal~ Probably Fal~ Probably Tr~ Probably Tr~      1      1      1      1
## # ... with 2,068 more rows
```

## Cognitive Reflection test Questions

We have recoded variables X, Y and Z into variables `crt1`, `crt2` etc. such that respondents were coded 1 if they got the correct response and 0 if they were incorrect. MATT ADD ANY INFORMATION HERE

```
full %>%
  select(Q18_1:Q21_1, starts_with('crt')) %>%
  as_factor()
```

```
## # A tibble: 2,078 x 8
##   Q18_1 Q19_1 Q20_1 Q21_1 crt1 crt2 crt3 crt4
##   <chr> <chr> <chr> <chr> <dbl> <dbl> <dbl> <dbl>
```

```
## 1 second 8      june 27      1      1      0      0
## 2 First 7       June 3'      0      0      0      0
## 3 Second 7      Emily Idk    0      0      1      0
## 4 1      8      Emily 16     0      1      1      0
## 5 first 8       Emily 27     0      1      1      0
## 6 first 7       June 3'      0      0      0      0
## 7 first 7       June 27     0      0      0      0
## 8 First 8       Emily 9      0      1      1      0
## 9 second 15     Emily 3      1      0      1      0
## 10 1st 8       emily 27     0      1      0      0
## # ... with 2,068 more rows
```

## Most Important Problem in Public Health

We have provided more meaningful variable names (e.g. `Obesity`, `Vaccine Hesitancy`, etc. ) and *appended* these to the data frame. The original variables are `Q1_1` through `Q1_9`. In addition, we have gone through the open ended responses that respondents provided and added new variables that appeared frequently in the data set. These include: