How Residents of Canada Feel about Life and its Correlations with Other Variables in General Social Survey 2017*

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Abstract

First sentence. Second sentence. Third sentence. Fourth sentence.

1 Introduction

2 Data

The data we are going to analyze is the result of Canadian General Social Survey on Family (2017). The data is organized in respect to its age, sex, education, number of children, and other variables totaling up to eighty one entries. This survey was performed from February 2 to November 30, 2017, and it may not correctly represent the current state of the respondents' familial status. Each respondent is fifteen years old or older, a full-time residents in Canada excluding Yukon, Northwest Territories, and Yukon. There are 20602 responses in the data. We obtain our dataset from the University of Toronto Library, available to University of Toronto students and faculty members. This data can also be found in databases of other academic institutions to their staff and students. We modify and clean our data using packages `tidyverse` (Wickham et al. 2019) and `janitor` (Firke 2021) using the and the statistical programming language R (R Core Team 2020).

How we organized the data

Table of dataset sneak peek

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*Code and data are available at: https://github.com/oheunkyo/Feelings-on-Life-GSS.

Table 1: sdsd

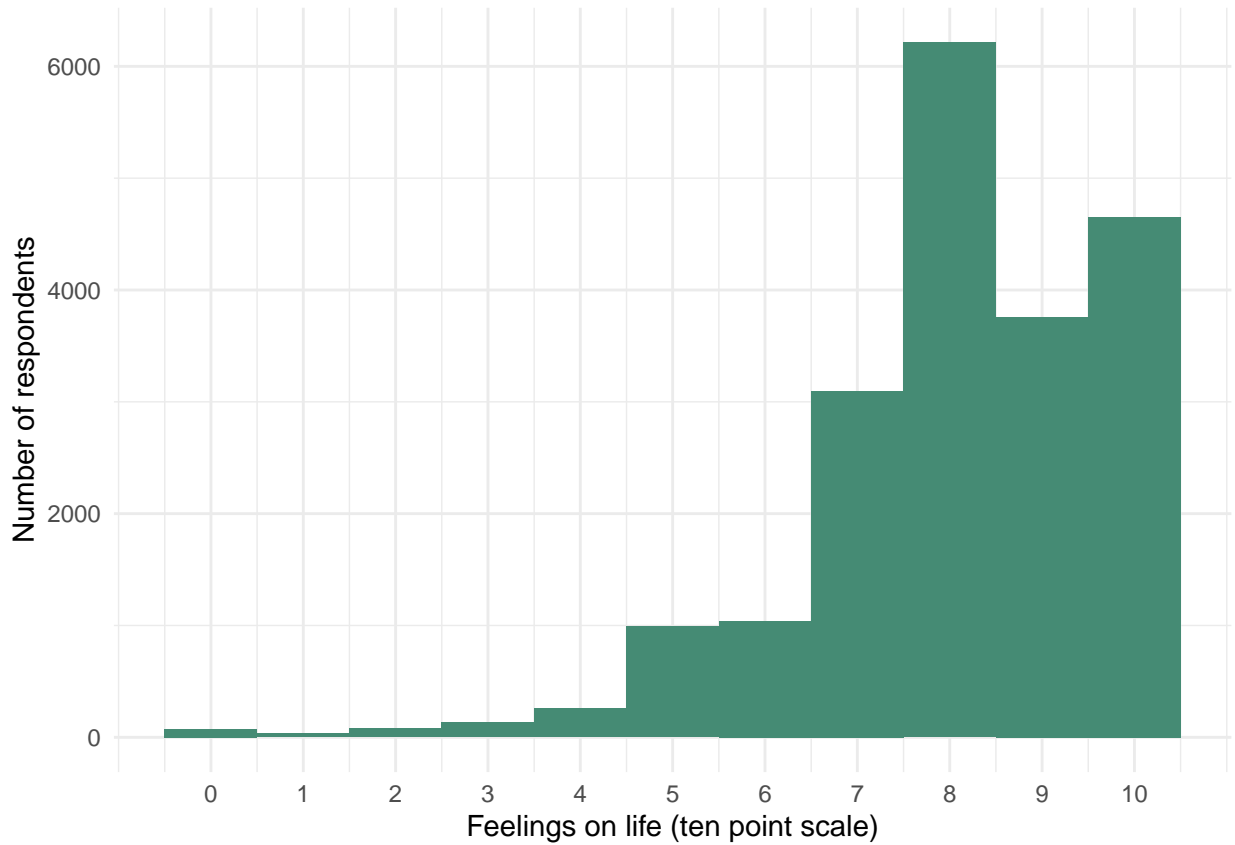| age	feelings_life	sex	self_rated_health	self_rated_mental_health	income_family
52.7	8	Female	Excellent	Excellent	$25,000 to $49,999
51.1	10	Male	Good	Good	$75,000 to $99,999
63.6	8	Female	Very good	Good	$75,000 to $99,999
80.0	10	Female	Very good	Very good	$100,000 to $ 124,999
28.0	8	Male	Good	Good	$50,000 to $74,999
63.0	9	Female	Excellent	Very good	$50,000 to $74,999
58.8	4	Female	Poor	Poor	Less than $25,000
80.0	10	Female	Good	Very good	Less than $25,000
63.8	8	Female	Very good	Very good	Less than $25,000
25.2	5	Male	Poor	Poor	Less than $25,000

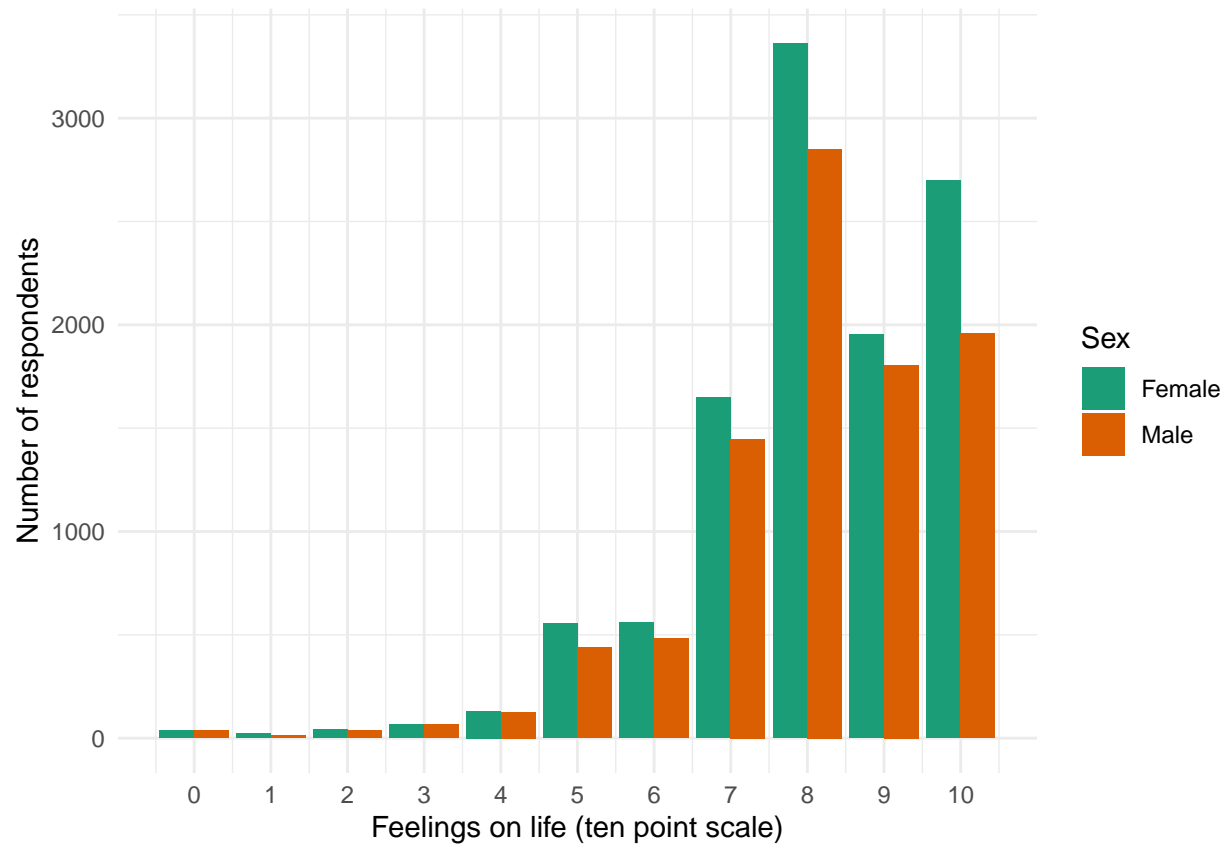Figure 1: Number of Perceived Feelings on Life Responses

Figure 2: Number of Perceived Feelings on Life Responses by Sex

Table 2: Mean Feeling of Life by Age Group

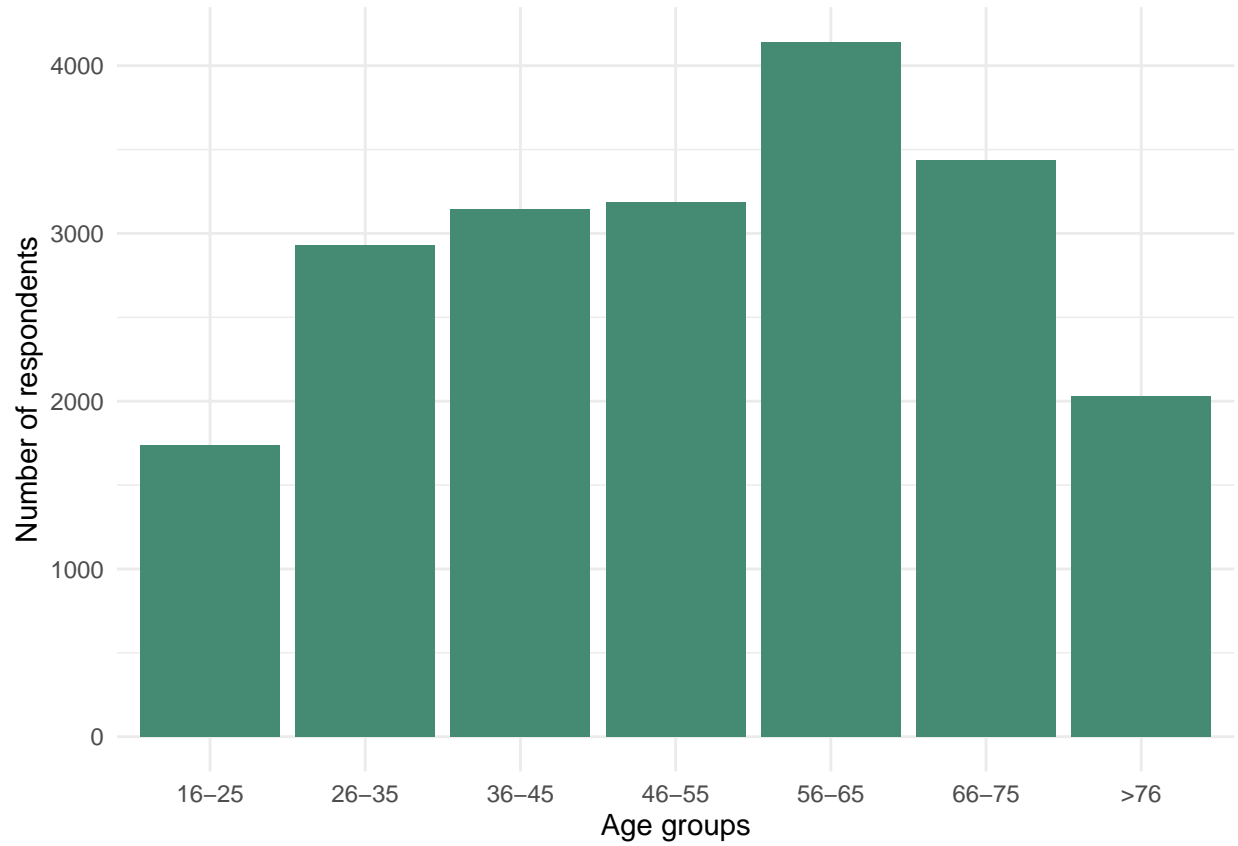| Age Group	Number of Respondents	Average Feeling of Life
16-25	1737	8.0
26-35	2929	8.1
36-45	3145	8.0
46-55	3184	8.0
56-65	4142	8.1
66-75	3438	8.2
>76	2027	8.3

Figure 3: Number of Responses by Age Group

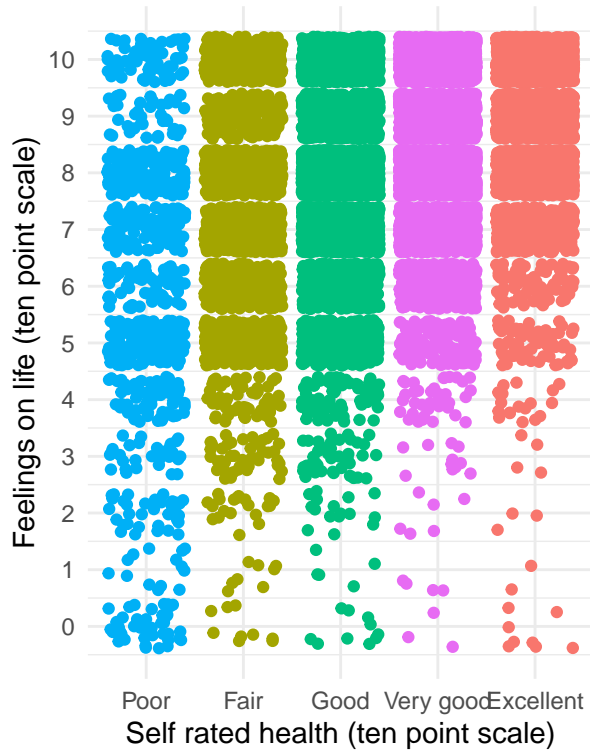Figure 4: Number of Perceived Feelings on Life Responses by Household Income
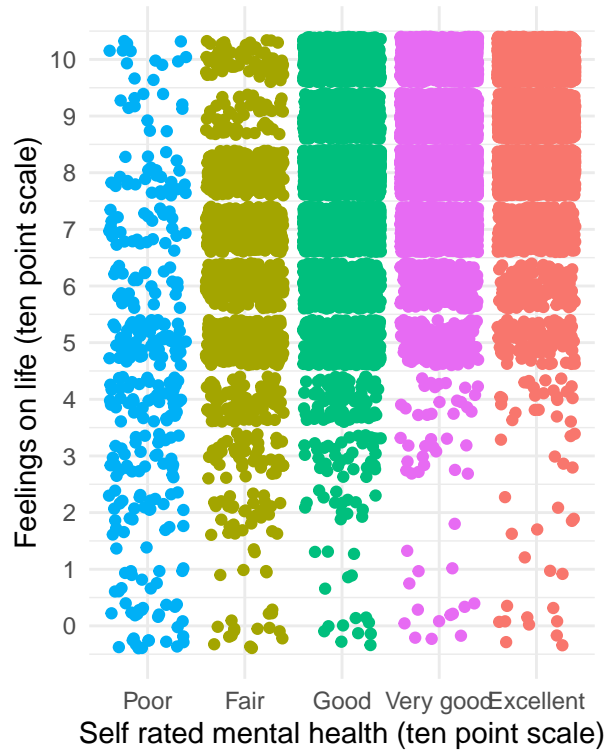
Figure 5: Self Rated
Health versus Feeling on Life

Figure 6: Self Rated Mental
Health versus Feeling on Life

removeed NA and DOn't KNow responses

3 Results

4 Discussion

4.1 First discussion point

why _____ has such high count

4.2 Second discussion point

why _____ has such high correlation

4.3 Third discussion point

4.4 Weaknesses and next steps

Weaknesses and next steps should also be included.

Appendix

A   Additional details

References

Firke, Sam. 2021. *Janitor: Simple Tools for Examining and Cleaning Dirty Data.* https://CRAN.R-project.org/package=janitor.

R Core Team. 2020. *R: A Language and Environment for Statistical Computing.* Vienna, Austria: R Foundation for Statistical Computing. https://www.R-project.org/.

Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D'Agostino McGowan, Romain François, Garrett Grolemund, et al. 2019. "Welcome to the tidyverse." *Journal of Open Source Software* 4 (43): 1686. https://doi.org/10.21105/joss.01686.