

Women highest Level Education in 20 years*

My subtitle if needed

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Abstract

hello

1 Introduction

2 Data

2.1 Data Source and Methodology

2.2 Attributes

2.3 Analysis

2.3.1 Mean Education Level from 2000 - 2021

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```
library(tidyverse)

## mean education level over 20 yrs ##

merged_gss |> group_by(Year) |> summarize(mean= mean(Highest_Educ_Level, na.rm = TRUE)) |>
  ggplot(aes(x = Year, y = mean)) +
  geom_line(group = 1) +
  theme(axis.text.x = element_text(angle = 45, vjust = 0.9, hjust=1)) +
  labs(
    title = "Mean highest education level of Women over 20 Years",
    x = "Year",
    y = "Mean Educ Level %"
  )
```

Warning in mean.default(Highest_Educ_Level, na.rm = TRUE): argument is not numeric or logical: returning NA

*Code and data are available at: INSERT GITHUB.

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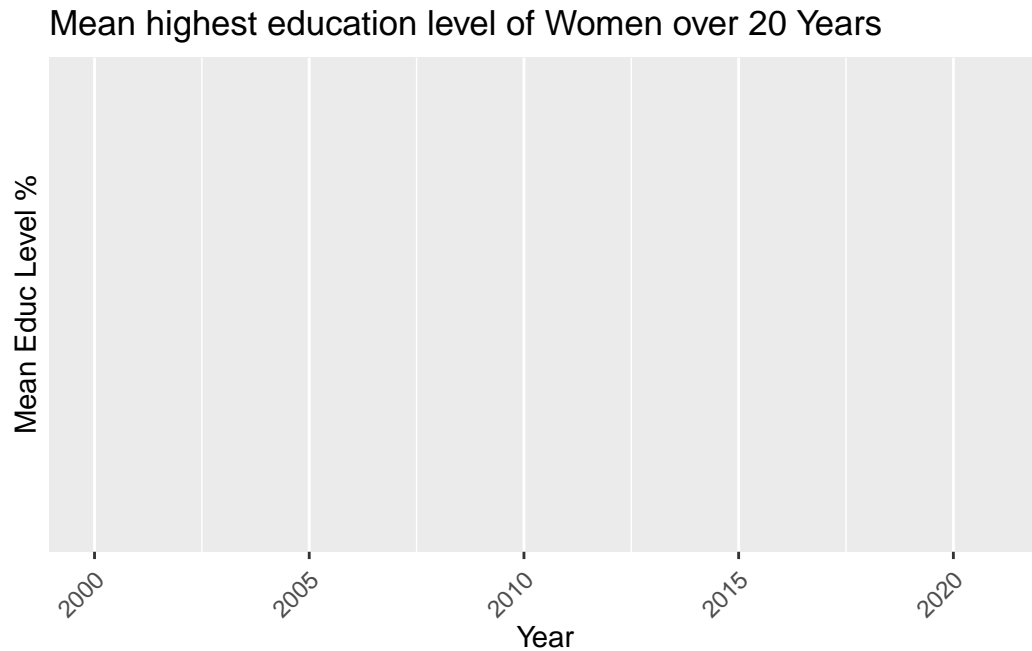
Warning in mean.default(Highest_Educ_Level, na.rm = TRUE): argument is not numeric or logical: returning NA

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Warning: Removed 11 rows containing missing values (`geom_line()`).



2.3.2 Mean Occupational Prestige from 2000 - 2021

text goes here

```
## mean occ. prestige pct over 20 years ##

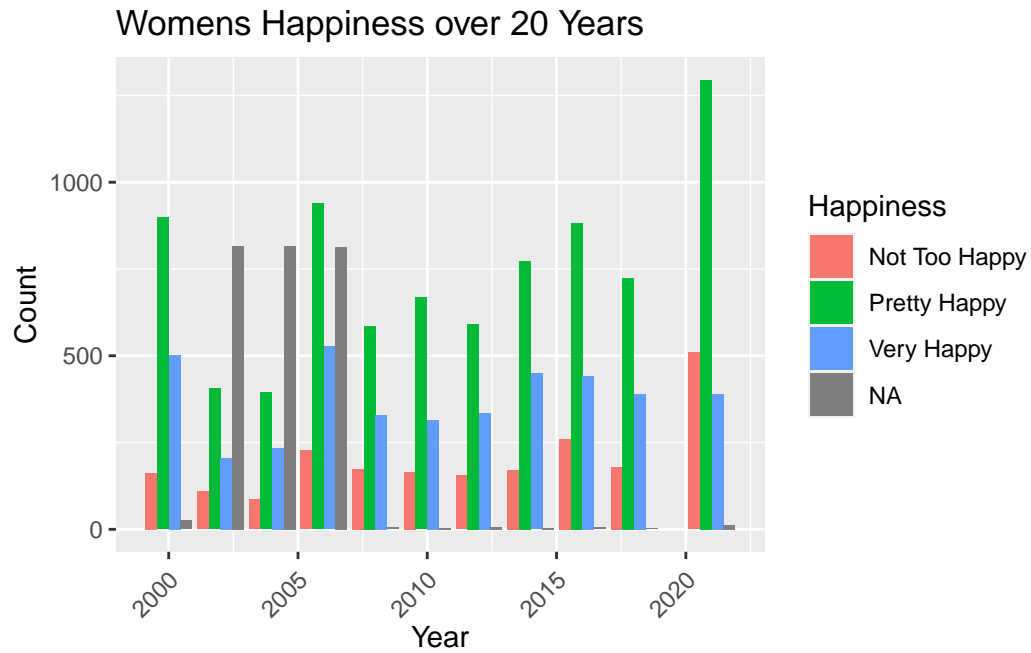
merged_gss |> group_by(Year) |> summarize(mean = mean(Occupational_Prestige_Pct, na.rm = TRUE)) |>
  ggplot(aes(x = Year, y = mean)) +
  geom_line(group = 1) +
  theme(axis.text.x = element_text(angle = 45, vjust = 0.9, hjust=1)) +
  labs(
    title = "Occupational Prestige of Women over 20 Years",
    x = "Year",
    y = "Mean Occ. Prest. %"
  )
```



2.3.3 Women's Happiness from 2000 - 2021

text goes here

```
merged_gss |> group_by(Year) |> count(Happiness) |>
ggplot(aes(x = Year, y = n, fill = Happiness)) +
geom_col(position = "dodge") +
theme(axis.text.x = element_text(angle = 45, vjust = 0.9, hjust=1)) +
labs(
  title = "Womens Happiness over 20 Years",
  x = "Year",
  y = "Count"
)
```



3 Results

4 Discussion

4.1 Womens Education Discussion

4.2 Womens Occupational Prestige Discussion

4.3 Womens Happiness Discussion

4.4 Biases and Ethical Concerns

4.5 Weaknesses and next steps

Appendix

our survey is here lol

A References