**Trends observed in the original dataset**

**Analysis A**

**Analysis B**

**A screenshot of a graph

Description automatically generated**

We found that a greater proportion of men voted Green than that of women. The Green party seems especially popular in the zip code areas of 2100 and 2200. There also appeared to be a clear trend of lower-educated people tending more towards Green, while those with higher educations tend more towards Red, maxing out with PhDs.

**Analysis C**

**Steps taken to preserve respondents’ anonymity**

This data set has been treated to protect confidentiality. Several methods have been applied to protect the confidentiality: grouping, recoding and top-coding.

*Removing variables*

The modified dataset does not contain the respondents’ names like the original.

*Reducing detail in variables by recoding and top-coding*

Dates of birth were condensed into just the year of birth. Furthermore, they were rounded down to intervals of 3 years. Additionally, ages 75 and older were grouped into a single “75+” category. 22 entries were affected by the date of birth cap, while every entry was affected by the general change.

*Reducing detail variables by grouping*

All non-stated and non-university educations were grouped into a new “Non-university” category, Bahelor’s and short cycle higher education were grouped into “Undergraduate”. Master’s and PhD were grouped into “Graduate and Post-graduate”. The rest were kept to preserve the data trends. 156 entries were modified by this change.

All non-Danish citizenships were grouped into a new “Foreign category”. 19 entries were modified by this change.

**Vulnerability analysis pre- and post-anonymisation**

Number of observations violating

2-Anonymity: 0 (PUF file: 0, unmodified data: 0)

3-Anonymity: 0 (PUF file: 0, unmodified data: 0)

5-Anonymity: 0 (PUF file: 0, unmodified data: 0)

Percentage of observations violating

2-Anonymity: 0.00% (PUF file: 0.00%, unmodified data: 5.15%)

3-Anonymity: 0.00% (PUF file: 0.91%, unmodified data: 11.45%)

5-Anonymity: 0.00% (PUF file: 4.67%, unmodified data: 24.45%)