other variables：

**0. target variable**

- **year** = VCF0004

- **candidate** = VCF0704a, Vote for President- Major Parties and Other

0. Did not vote

1. Democrat

2. Republican

**1. Voter Demographics**

- **age** = VCF0101

- **gender** = VCF0104，

1. Male

2. Female

3. Other (2016 only)

- **race** = VCF0105a,

1. White non-Hispanic

2. Black non-Hispanic

3. Asian or Pacific Islander, non-Hispanic

4. American Indian or Alaska native non-Hispanic

5. Hispanic

6. Other or multiple races, non-Hispanic

9. Missing

- **religion** = VCF0128,

1. Protestant

2. Roman Catholic

3. Jewish

4. Other and noneDepartment

- **income** = VCF0114,

1. 0 to 16th percentile

2. 17 to 33rd percentile

3. 34 to 67th percentile

4. 68 to 95th percentile

5. 96 to 100th percentile

- **education** = VCF0140a,

1. 8th grades or less (grade school)

2. 9-12th grades with no diploma

3. High school diploma

4. High school plus non-academic training

5. Some college with no degree

6. Bachelor-level degrees

7. Advanced degrees 8. Don’t know

9. NA

- **marital** = VCF0147,

1. Married

2. Never married

3. Divorced

4. Separated

5. Widowed

7. Partners (not married)

- **class** = VCF0148a,

1. Average working

2. Working (don’t know average or upper working)

3. Upper working

4. Average middle

5. Middle class (don’t know average or upper middle)

6. Upper middle

9. Don’t know or other

- **hispanic** = VCF0108,

1. Hispanic

2. Non-Hispanic

8. Don’t know

9. Refused

- **location** = VCF0111, URBANISM:

1. Central cities

2. Suburban areas

3. Rural, small towns, outlying and adjacent areas

**2. Political Attitudes and Beliefs**

- **lgbt** = VCF0878 Should Gays/Lesbians Be Able to Adopt Children

1. Yes

5. No

8. DK

9. NA

- **foreign** = VCF9231 Does R favor or oppose placing limits on imports to protect American jobs (or haven’t you thought much about this)

1. Favor new limits

2. Oppose new limits

- **gun** = VCF9239 How important is gun control issue to R

1. Extremely important

2. Very important

3. Somewhat important

4. Not too important

5. Not at all important

8. DK

9. RF; NA

- **trust** = VCF0656 TRUST IN GOVERNMENT INDEX

0. Least trusting

100. Most trusting

**3. Political Affiliation**

- **party** = VCF0302， PARTY IDENTIFICATION OF RESPONDENT- INITIAL PARTY

ID RESPONSE

1. Republican

2. Independent

3. No preference or none

4. Other

5. Democrat

8. Don’t know

9. Refused to answer

- **south** = VCF0113，

1. South

2. Non-South

- **govern** = VCF9025 VOTE FOR GOVERNOR - PARTY

1. Democrat

2. Republican

3. Other

- **pre** = VCF9027 VOTE IN PREVIOUS PRESIDENTIAL ELECTION - PARTY

1. Voted: Democratic Pres. Candidate

2. Voted: Republican Pres. Candidate

3. Voted: DK/NA/Refused which Pres. Candidate

5. Voted: Other candidate

9. DK/NA/refused to say

0. not vote