# Counting Women's Ballots

Estimates of turnout and vote choice for women and men

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**Using this data**

Two datasets are available – a simple summary of the estimates and a larger dataset that includes 2,000 observations for each state and year. The larger dataset is required to replicate the confidence intervals in the figures.

**Basic estimates [dataset name: CWB_basic.dta]**

Each observation is a single state and election year. The dataset totals to 50 observations – 10 sample states observed in five presidential election years. The variable names and descriptions are below.

**Estimates and measures of uncertainty [dataset name: CWB_estimates.dta]**

Each observation is one sample from the Markov Chain Monte Carlo simulation used to generate the underlying estimates that were used to calculate the state-level quantities. Each state-election year has 2,000 observations - 2,000 samples from the simulation after the chain had converged. The total dataset is 2,000 x 10 x 5 or 100,000 observations. We used this dataset to produce figures with the average for the state and a 90% confidence interval. This dataset can be used to replicate all of the figures in Chapters 2 - 8 and several figures in Chapter 9.

If you do not need confidence intervals or measures of uncertainty, use the following command to collapse the dataset to a simple 50 observation data with the estimate for each state or download the basic estimates.

collapse (mean) pr* pd* po* mv fv, by (state state2 year region res party_rev n m f)

Note that in order to calculate a national average of turnout, you should weight using the total over 21 population (n), but to calculate a national average of party vote share, you should weigh using the total number of voters (v).

| Variables | Description |
|---|---|
| state | state name |
| state2 | 2 letter state abbreviation |
| year | presidential election year (1920, 1924, 1928, 1932, 1936) |
| region | Census region (Midwest, Northeast, South/Border) |
| rest | Electoral laws (Residency requirement only, Additional suffrage restrictions) |
| party | Burnham party measure (one party GOP, one party DEM, competitive) |
| party_rev | Party measure for 1928 (one party GOP Northeast, one party GOP Midwest, one party DEM, competitive) |
| n | Number of people 21 and over |
| m | Number of men 21 and over |
| f | Number of women 21 and over |
| pr0 | Republican share of vote, women |
| pr1 | Republican share of vote, men |
| pd0 | Democratic share of vote, women |
| pd1 | Democratic share of vote, men |
| po0 | Third (other) party share of vote, women |
| po1 | Third (other) party share of vote, men |
| pt0 | Turnout, women |
| pt1 | Turnout, men |
| v | Number of voters (calculated mv and fv) |
| mv | Number of male voters, calculated from pt1 and m |
| fv | Number of female voters, calculated from pt0 and f |