

# forecasting\_election2020

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## **Abstract**

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

**Keywords:** Forecasting, US 2020 Election, Trump, Biden;

## **1 Introduction**

## **2 Data**

### **2.1 Polling**

We have used R Core Team [2019] and Wickham et al. [2019] for data analysis

Data is from Ruggles et al. [2020] and from Tausanovitch and Vavreck [2020]

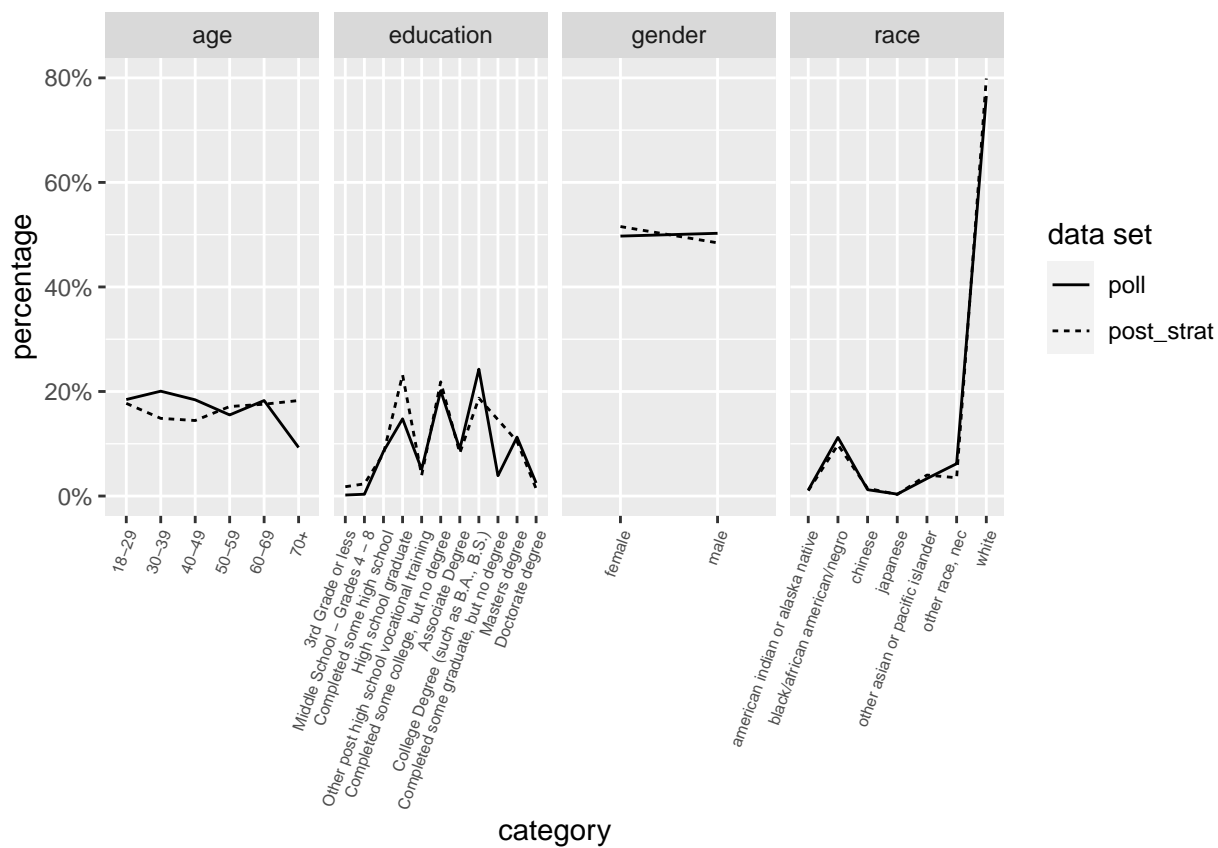


Figure 1: Demographics of Sample and Population

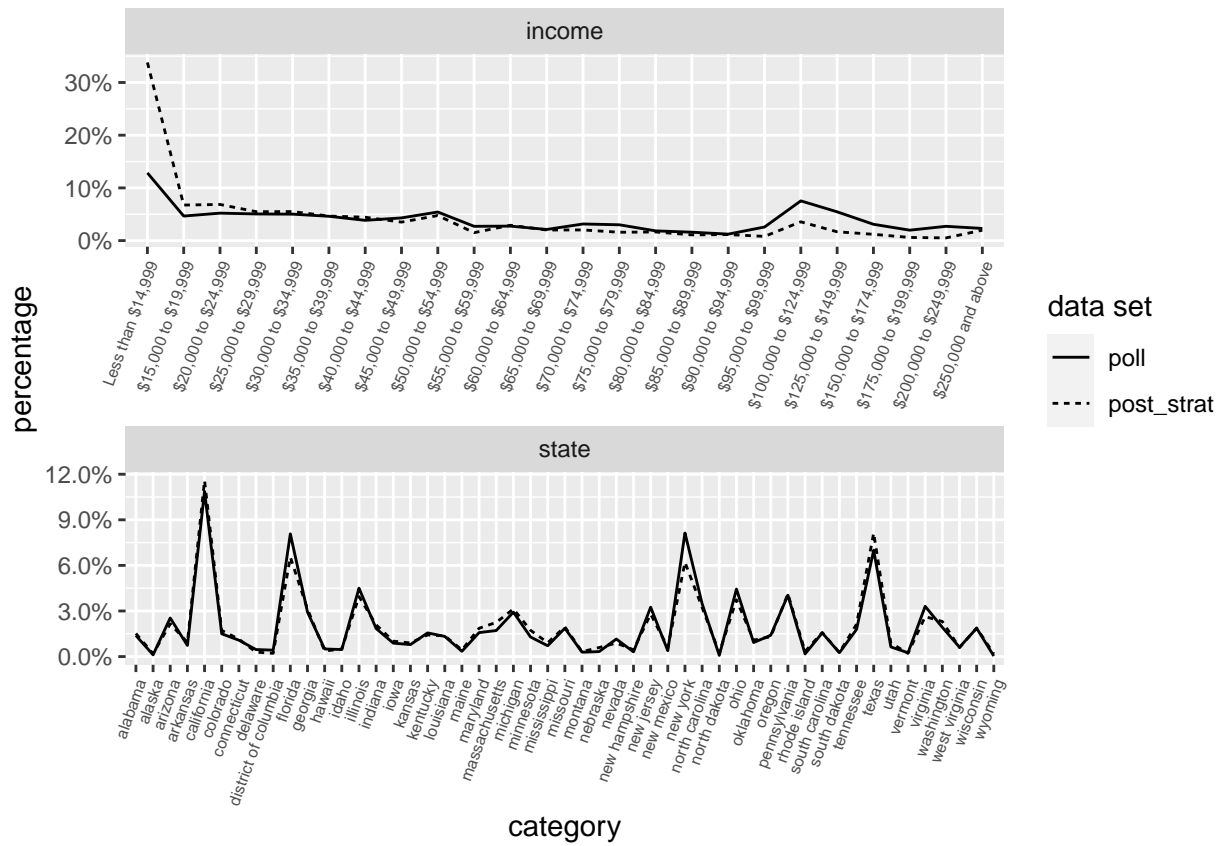


Figure 2: More Demographics of Sample and Population



### 3 Model

**Characteristic**	**log(OR)**	**95% CI**	**p-value**
sex			
female			
male	-0.44	-0.56, -0.31	<0.001
age_groups			
18-29			
30-39	-0.54	-0.75, -0.34	<0.001
40-49	-0.74	-1.0, -0.52	<0.001
50-59	-0.72	-0.95, -0.50	<0.001
60-69	-0.62	-0.84, -0.41	<0.001
70+	-0.62	-0.88, -0.36	<0.001
race			
american indian or alaska native			
black/african american/negro	2.3	1.7, 2.9	<0.001
chinese	1.3	0.43, 2.2	0.004
japanese	1.4	0.13, 2.8	0.039
other asian or pacific islander	0.62	-0.03, 1.3	0.063
other race, nec	0.80	0.20, 1.4	0.009
white	0.10	-0.45, 0.67	0.7
stateicp			
alabama			
alaska	-0.30	-2.4, 1.5	0.7
arizona	0.26	-0.37, 0.89	0.4
arkansas	-0.50	-1.4, 0.42	0.3
california	0.83	0.29, 1.4	0.003
colorado	0.46	-0.24, 1.2	0.2
connecticut	1.5	0.67, 2.3	<0.001
delaware	1.3	0.18, 2.4	0.024
district of columbia	1.0	-0.10, 2.2	0.080
florida	0.32	-0.23, 0.89	0.3
georgia	0.04	-0.59, 0.68	0.9
hawaii	0.55	-0.50, 1.6	0.3
idaho	-0.15	-1.2, 0.86	0.8
illinois	0.65	0.07, 1.2	0.029
indiana	0.39	-0.29, 1.1	0.3
iowa	0.58	-0.22, 1.4	0.2
kansas	-0.19	-1.1, 0.67	0.7
kentucky	0.46	-0.23, 1.2	0.2
louisiana	0.29	-0.45, 1.0	0.4
maine	0.92	-0.16, 2.0	0.10
maryland	0.60	-0.11, 1.3	0.10
massachusetts	1.3	0.64, 2.1	<0.001
michigan	0.73	0.11, 1.4	0.021
minnesota	0.52	-0.22, 1.3	0.2
mississippi	-0.22	-1.1, 0.69	0.6
missouri	0.53	-0.14, 1.2	0.12
montana	0.50	-0.70, 1.7	0.4
nebraska	0.32	-0.82, 1.4	0.6
nevada	0.05	-0.72, 0.82	0.9
new hampshire	0.75	-0.42, 1.9	0.2
new jersey	0.60	-0.01, 1.2	0.054
new mexico	1.3	0.19, 2.5	0.025
new york	0.65	0.10, 1.2	0.021
north carolina	0.40	-0.20, 1.0	0.2
north dakota	-0.49	-3.6, 1.7	0.7
ohio	0.50	-0.09, 1.1	0.10

This table was created using the results from our model and the `tbl_regression` function from Sjöberg et al. [2020]

## 4 Results

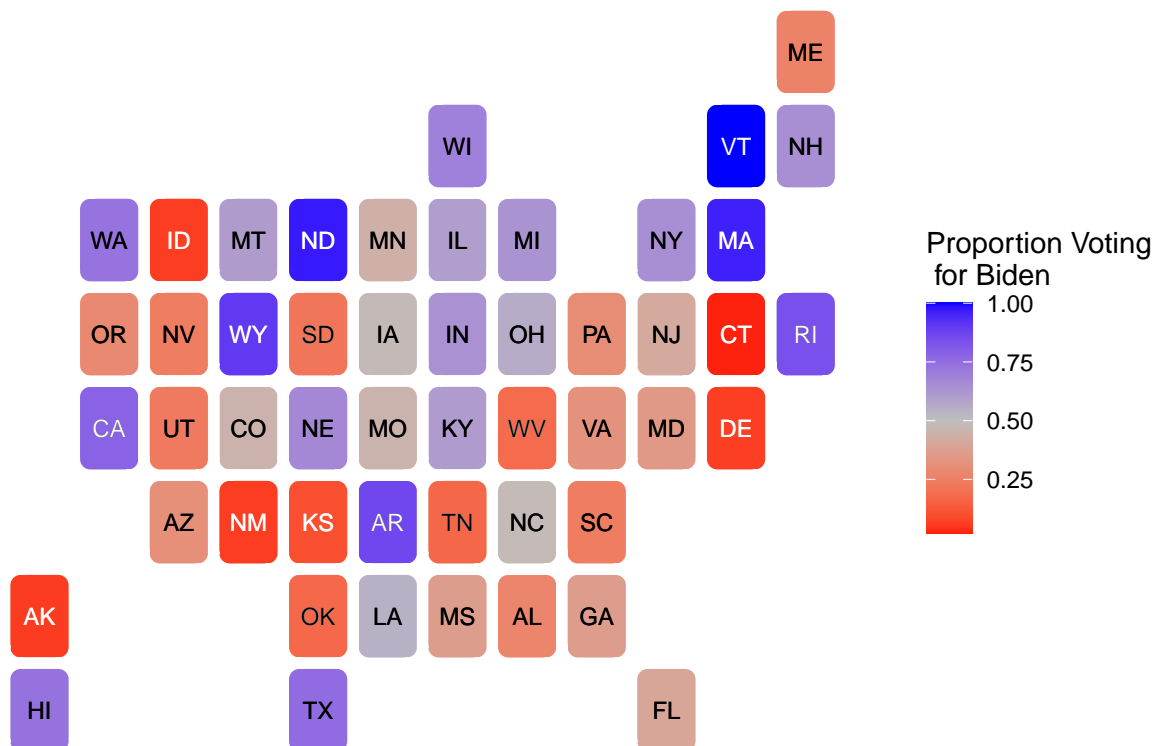


Figure 3: Proportion of each State Voting for Biden

## 5 Discussion

### References

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