7/18/2020 The 2000 Florida election

The 2000 Florida election

Merge the election data with the map

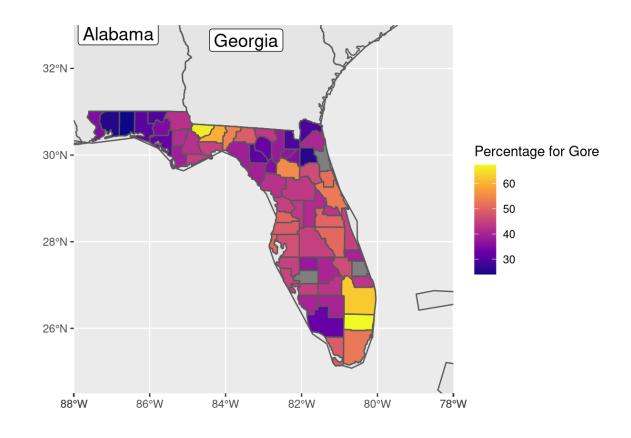
data

Add labels

Start Over

Introduction

We're going to end up with a choropleth map that shows the percentage of votes for Gore by county in Florida. Our final map will look something like this:



Creating a map

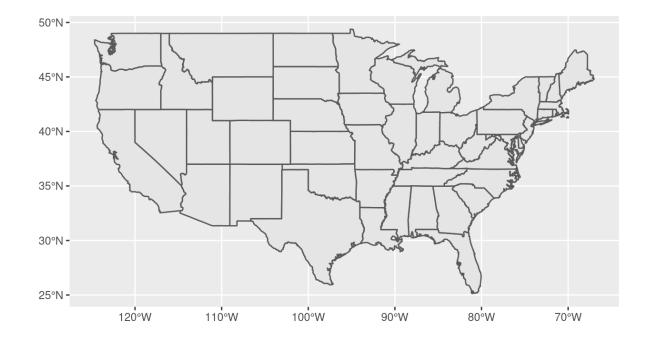
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First, let's make a map of the United States

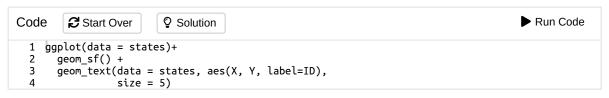


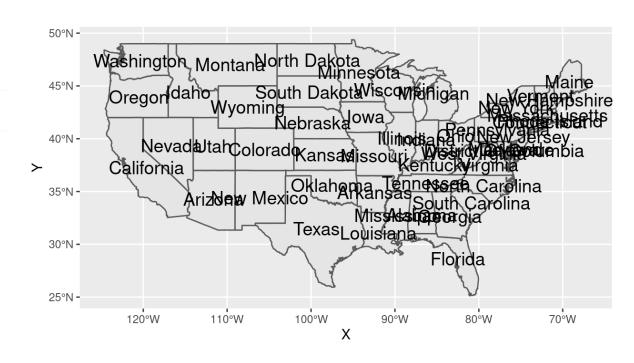
Add labels to the map

Merge the election data with the map

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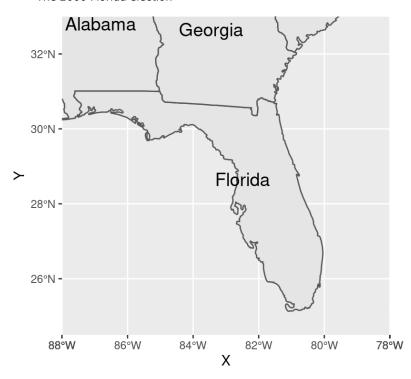
And focus in on the southeast

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Now we need the county boundaries

We can get them from the **maps** package. Note that we're specifying a CRS value, which defines a particular projection.

Play around with the code above and see what counties looks like. You'll find that it's data frame. This means that we'll have a pretty easy job putting the election data and geographic data together.

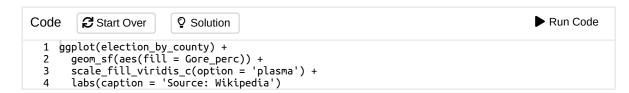
Merge the election data with the map

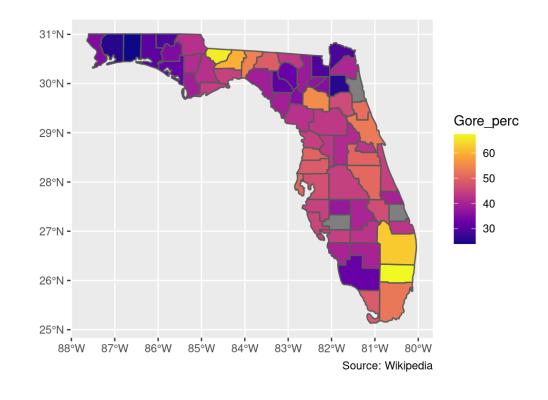
data

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Now we can plot





Add labels

We can clean this up a bit, and add surrounding states.

For this, we make the full US map and limit it to Florida, as before. We then add some labels for the names. Note



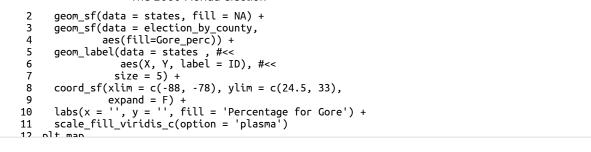
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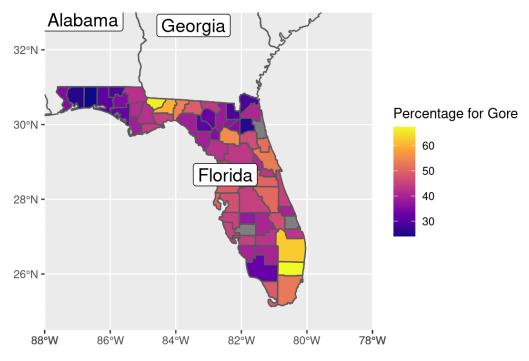
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Modify this code so you don't get the label for Flordia printed.

And there you have it, Not too bad, right?

The process is

- 1. Find the data for the geometries you want to see
- 2. Find the actual map data you can use (you can always convert it using st_as_sf)
- 3. Do a join to put the data and the map geometries together
- 4. Plot away.

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