

University of California, Los Angeles  
Department of Statistics

Statistics 13

Instructor: Nicolas Christou

Lab 7  
US Presidential elections 2016  
New Hampshire Democratic primary

US presidential primaries will be held in the state of New Hampshire on Tuesday, 09 February 2016. Data you need to collect:

- a. Coordinates for the seat of each county in New Hampshire. Note: Hillsborough County has two seats: Manchester and Nashua. Use Manchester. For a complete list of the counties, seats, and coordinates for each county seat, use the following link. (To find the coordinates you need to click on the name of the county seat):  
[https://en.wikipedia.org/wiki/List\\_of\\_counties\\_in\\_New\\_Hampshire](https://en.wikipedia.org/wiki/List_of_counties_in_New_Hampshire) .
- b. Get the final results sometime on Tuesday night.

Before creating the bubble plot, your data must be formatted as follows:

County	Seat	Longitude	Latitude	Percent1	Percent2
:	:	:	:	:	:

Note: Percent1 and Percent2 are the percentages received by the two Democratic candidates.

Finally, to create a bubble plot see the handout “Introduction to R” (page 9):  
[http://www.stat.ucla.edu/~nchristo/statistics13/stat13\\_intro\\_to\\_R.pdf](http://www.stat.ucla.edu/~nchristo/statistics13/stat13_intro_to_R.pdf) .