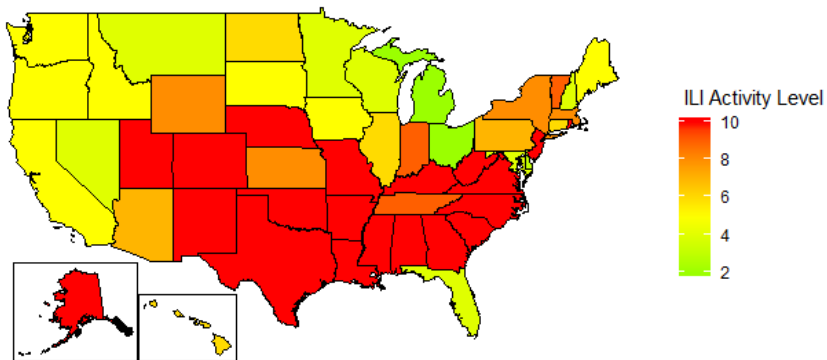


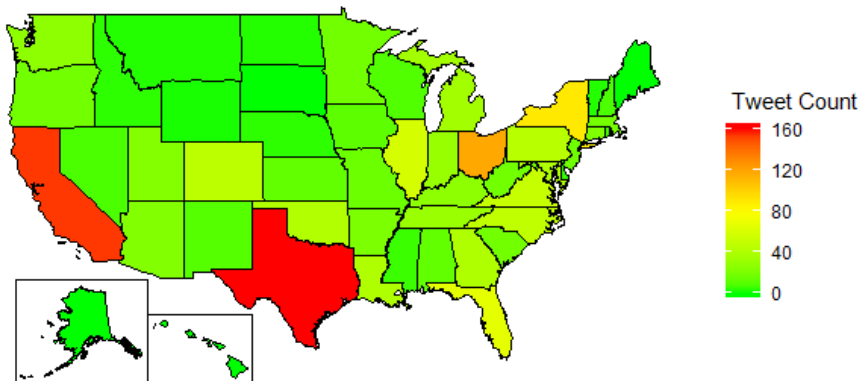
Heat Map Comparison

1. CDC vs All Tweets Heat Map

CDC 2018-19 Influenza Season Week 5 ending Feb 02, 2019



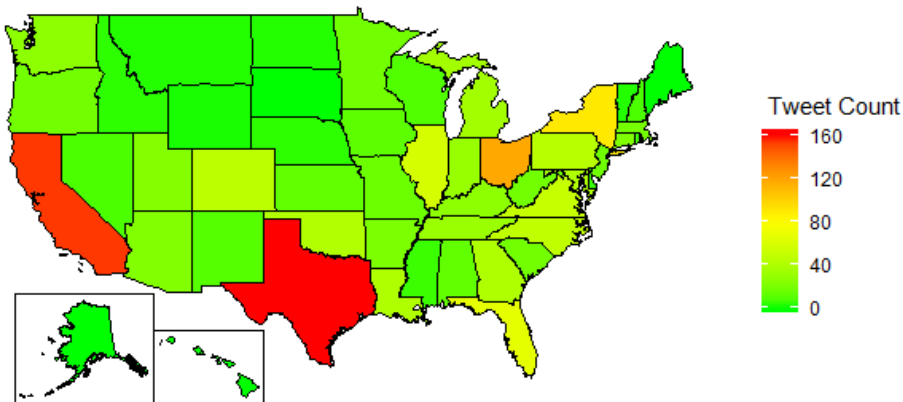
Heat Map from tweets



We could observe that the two Heat maps do not really match. This tells us that the flu tweet data cannot be directly related to CDC Influenza Data. Tweets from some states are higher probably due to the population out there or due to the fact the large number of people use twitter in those states.

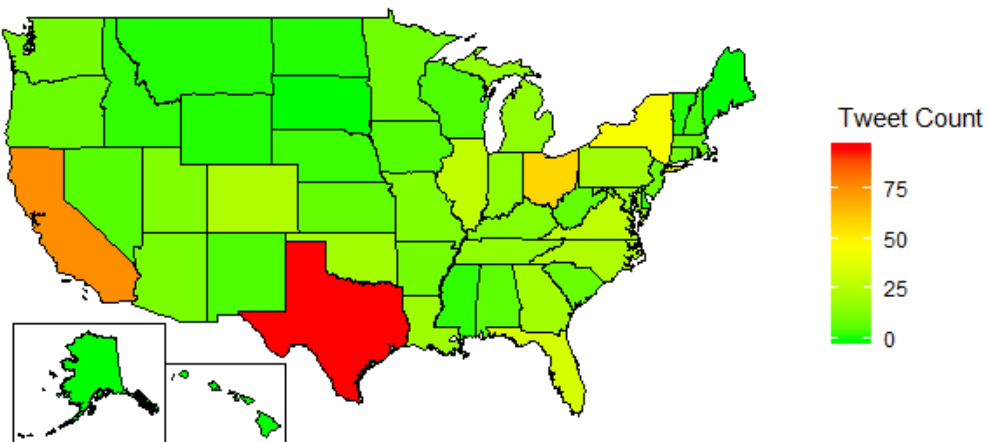
2. All Tweets vs Two Keyword Heat Map

Heat Map from tweets



Heat Map using all keywords

Heat Map from tweets



Heat Map using two Keywords

The above two maps are almost similar except for the state of California. The number of tweets in the second graph have been reduced but the overall distribution of Heat Map is almost similar. This tells us that the keywords used are closely related to all the other keywords used in the first Heat Map.