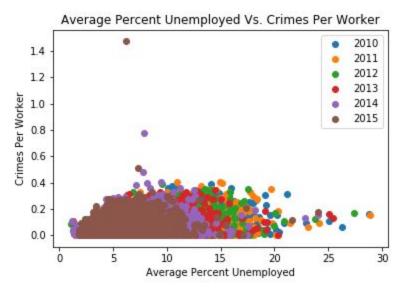
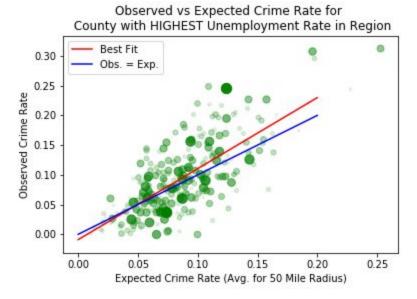
Conclusions

- Is unemployment correlated with crime rate?
 - We found that there was a strong correlation between Unemployment Rate and Crime-rate; but change in unemployment does not completely explain a change in crime rate.



- Is there a third variable that is responsible for crime rate?
 - We found that once we accounted for the locality, there was a stronger correlation between unemployment and crime rates.



Observed vs Expected Crime Rate for County with LOWEST Unemployment Rate in Region Best Fit 0.25 Obs. = Exp. 0.20 Observed Crime Rate 0.15 0.10 0.05 0.00 0.05 0.10 0.15 0.20 0.25 0.00

Does size of county have an effect on crime rate?

0

 We found that this does not seem to have any effect on crime rate. The outcome seems to have no relation at all.

Expected Crime Rate (Avg. for 50 Mile Radius)

