**Plot No. 1**

This plot suggests that there is a significant relationship between the crime in the county and the number of households below poverty line in the area. This hypothesis is based on literature review on articles like ‘The influence of socio – economic factors on crime, Grzegorz Pieszko,2016’ and Patterson, E. B., “Poverty, income inequality, and community crime rates. Criminology” 29, 4 (1991), 755–776. With this analysis, I want to investigate if the correlation between the two factors is significant.