Notes to Our Report:

1. Two objectives: understand the determinants of crime and generate policy suggestions that are applicable to local government\*\*\*
2. We probably need to condense EDA
3. The peer made a good point that the mean of avgsen is 10 days, so this variable may refer to the length of time for local lockups but not true consequences of crime. But at the same time, we don’t have what types of crime are being captured in the data.
4. We need to check the correlations between variables going into the model. We did some in the EDA section, and may consider adding another check right before building Model II.
5. Peer also has some comments on the polpc. We can review it again when we are working on our final report.
6. Question: “Are the model speciﬁcations properly chosen to outline the boundary of reasonable choices?”
7. We need to discuss practical significance for key effects.

Peer Feedback:

1. Introduction
   1. The motivation of the report is to assess which one of the three policy approaches (deterrence, economic and demographic) is most effective in battling crime. The motivation is easy to understand and the analysis is well-motivated
2. The Initial EDA
   1. The team identified anomalous values such as a number of observations with prbarr and prbconv greater than 1. The team also provided the explanations on why they are considered anomalous and whether they should be removed from the data.
   2. The team performed transformation based on histogram and identified outliers using Cook’s distance.
   3. The analysis on intercorrelation is important. We recommend a discussion on whether highly correlated variables should be included in the model.
3. The Model Building Process
   1. The model building process is supported by EDA.
   2. The team consider transformations for both response variable and explanatory variables.
   3. Scatterplots are displayed to show linear relationships between the response variable and explanatory variables chosen.
   4. The meanings of summary statistics, histograms and scatterplots are well explained.
4. The Regression Table
   1. The key coefficients are clearly displayed in the regression table.
   2. The text does not
5. The Omitted Variables Discussion
6. Conclusion
7. Others