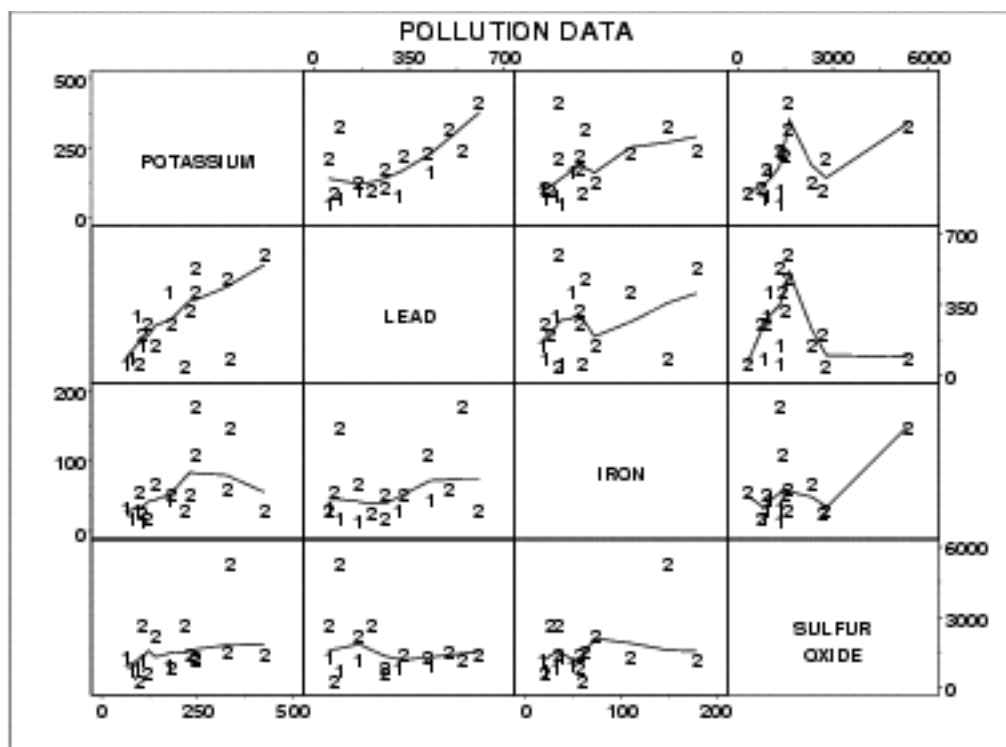


CS 171 Design Studio 3 - Peer Feedback Writeup

For this studio, our peer collaborators were Sam Green and Zack Chauvin. The following points constitute the feedback they gave us about our project:

1. **Increase the complexity of the views to make the presentation more topic specific and or visually exciting:** Sam and Zack made the point that while our selection of charts for our main views (the radio buttons, bar charts, and pie chart) would be effective, they did not necessarily convey information about the subject matter itself. Perhaps, they suggested, we could think of some ways to represent our topical information (crime/mental health) via our charts. A byproduct would be that the visualizing would become more visually compelling.
2. **Because the focus of our visualization is on the relationships among heroin use, mental health and crime rates filtered by income bracket, the user should be able to easily compare these relationships side-by-side.** Currently the plan for our views allows the user to toggle between different income brackets but does not allow for side by side comparisons. We think the point Sam and Zack made about this is valid and are considering how we can incorporate further interactivity. On this same note, we discussed the possibility of incorporating a simple scatterplot matrix or correlation box to show all the views put together with the hope that such a view might illustrate some overall trends to the user. An example of such a plot is below. Instead of the elements, we could introduce: “crime”, “mental health”, “income.”



3. **Consider the limitations of the dataset you have chosen.** As we discussed our project's goals and the various charts, Sam and Zack asked several questions that made us wish our

dataset was more extensive. To be honest, this meeting revealed to us just how important and difficult it can be to get all the data you want. One of the reasons we chose heroin as the drug we wanted to investigate in the year 2012 is that in 2012, the United States observed a significant spike in heroin trade and heroin use. However, we lack the data on the years before 2012 to conduct comparisons. While we plan on tapping into the valuable data our dataset has to offer, we are looking elsewhere for complementary datasets.