

During this checkpoint, we sought to better understand how officers were affected by their environment over two dimensions. Again, as before, we chose to assess this relationship in two ways. First, we compared the behavior of officers from one unit to another. This helps us better understand how differences in units -- different leadership, social culture, etc -- can cause different outcomes in officer behavior. Second, we compared the behavior of officers across time. This helps us to better understand whether or not officers' behavior uniformly changes over time, suggesting that officers are being influenced by their environments.

The first sheet that we produced was a bar plot that compared the number of use of force complaints levelled against a unit, normalized for size. From the plot, we found that the majority of the units which do receive excessive-force complaints receive 0.02 or less, but there are a few units receiving significantly more complaints per officer, such as unit 261, 016 and 015.

The second sheet was a line plot that compares the seniority of officers with the percentage of absence. From this plot, we see that officers are generally absent 50% of the time, except for those who were employed for more than 55 years, where a drastic fluctuation appears in the percentage of absence. This result contradicts with the assumption that officers tend to be influenced by the environment, but it warrants a question on the reason behind the high absence rate.