THE LEGALIZATION OF MARIJUANA STATES COMPARED TO NON-LEGALIZED STATES IN THE U.S. AGAINST VIOLENT CRIME RATES

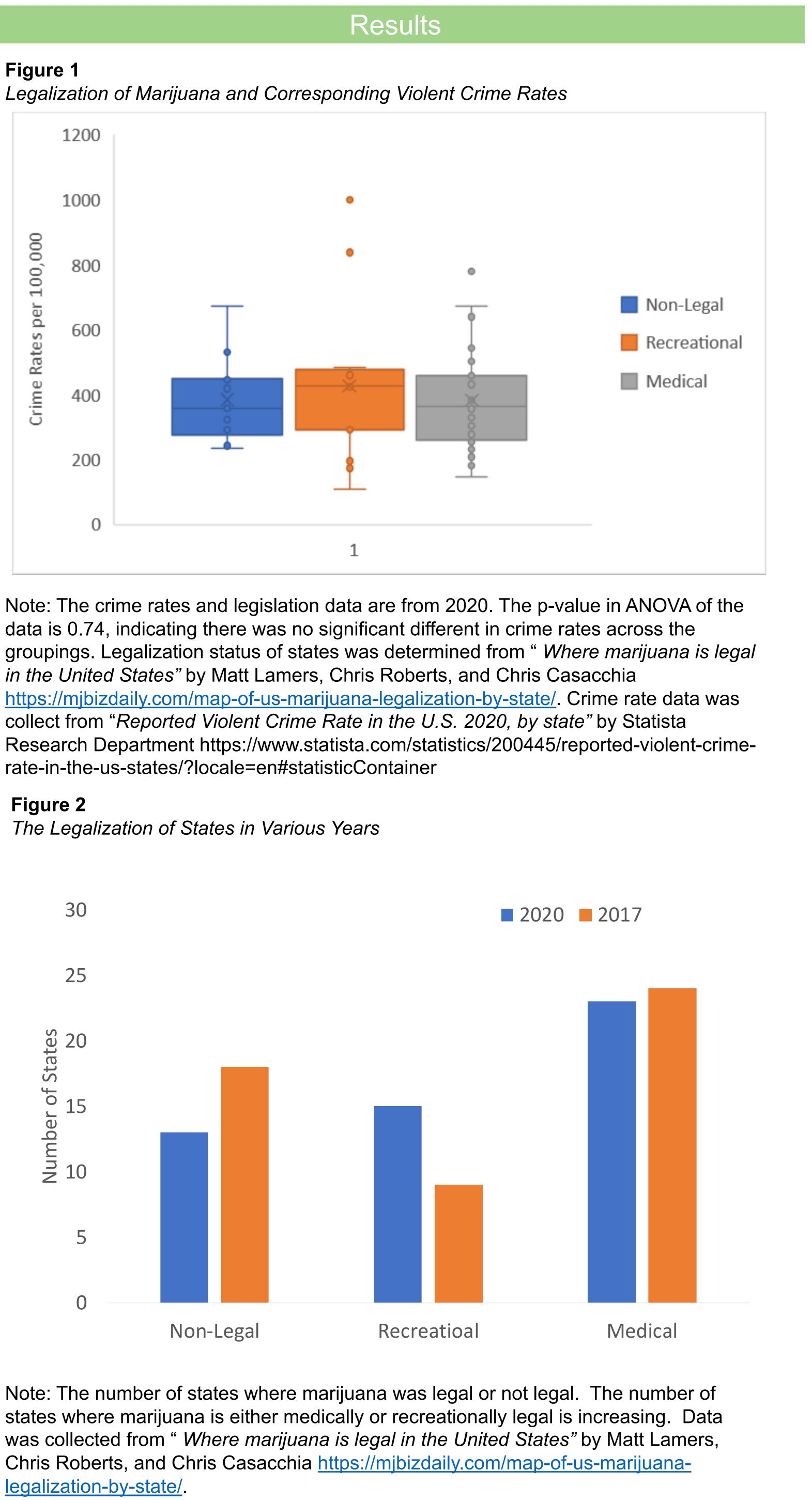
Introduction

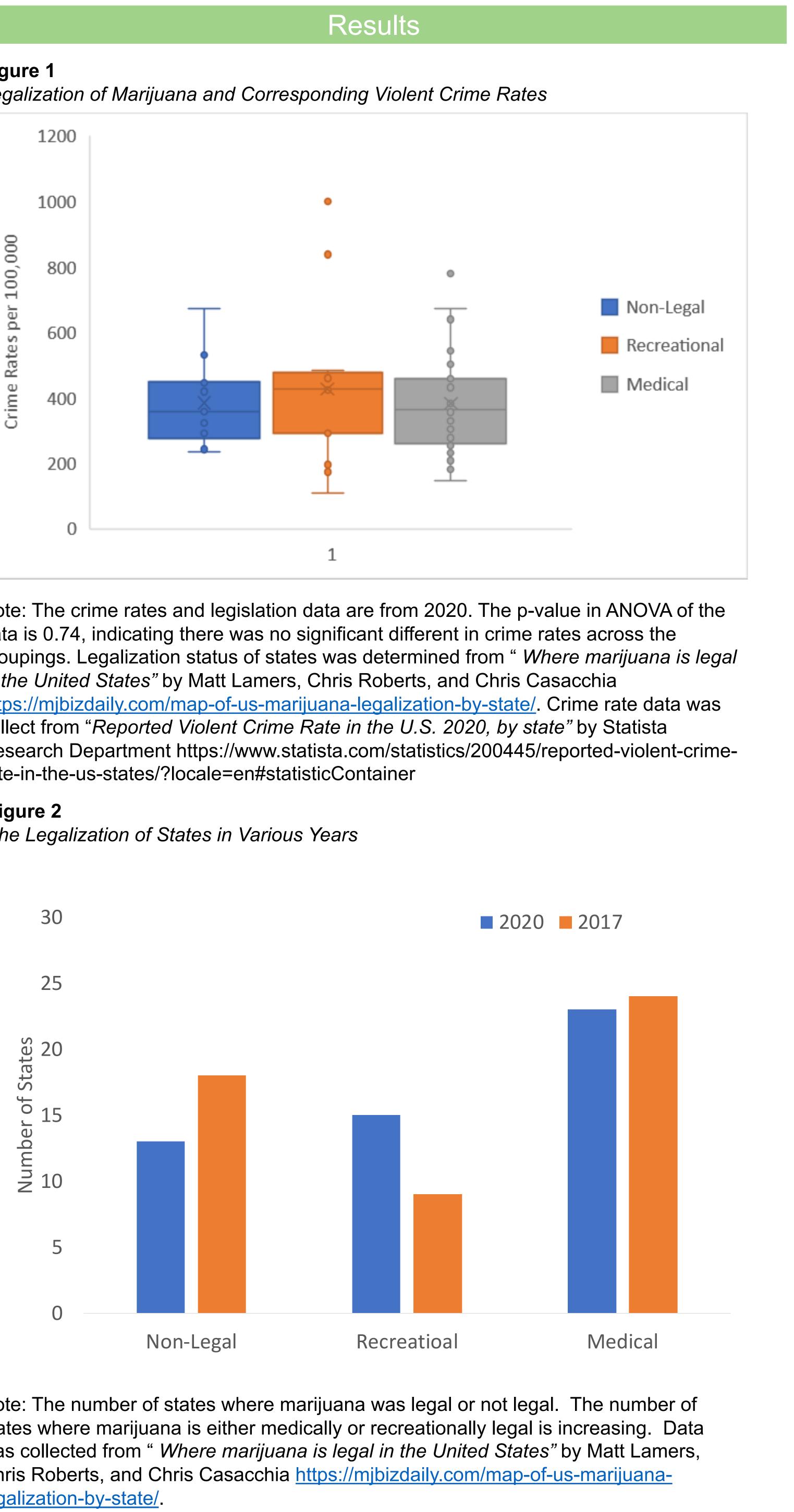
- Marijuana has been around for thousands of years for religious or medical purposes. Today, it is still used for medicine and for hemp products like rope (History Editors, 2017).
- However, there is still a large stigmatization against this plant. This tactic is mainly used in political parties against people of color, in the beginning, many were against Hispanic individuals for prosecution. Now, there are multiple concerns about the widespread legalization of marijuana and how it will affect out society.
- In the study, The Effect of Medical Marijuana Laws on Crime, they looked at U.S. state panel data on the legalization of medical marijuana and their corresponding crime rates. They found that it does not have a danger to public health which includes property and violent crimes (Morris, 2014). This shows that the scare tactics about how marijuana will negatively impact society are disproven.
- The hypothesis for this poster is that the states that have not legalized marijuana will have a higher crime rate then the states than have.
- Marijuana is known to have calming affects on individuals and to help with pain. When people start to take care of their physical and mental health they are less likely to engage in violent interactions. When individuals manage their pain instead of turning that pain into violence.
- Over the years there have been multiple studies done on the effects of mental and physical health associated with violence. One study that points this out is How Better Access to Mental Health Care can *Reduce Crime.* The study explains how having access to mental health care and reduce the involvement in criminal activities (Jácome, 2021).

Methods

- Categorized states by marijuana legalization status: Non-legal, Recreational, and Medical
- Found the crime rates for each state and grouped them by state legalization status
- Conducted an ANOVA on crime rates to see there was a significant difference in crime rates across the legalization statuses

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- analysis
- and then run the ANOVA.
- rates.
- United States.

- mental-health-care-can-reduce-crime
- *Drugs*, *73*(4), 523–530.

Discussion

• Looking at the data from Figure 1, the p-value is 0.74. This means that there is no significant statistical difference between the three different legalization groups (non-legal, recreational, and medical). • The hypothesis is disproven for this type of data

• The different legalization groups has similar rates of violent crime. This could be from the uneven amount of states for each group.

For the future, I would take the same amount of states from each legalization status to make it more accurate

• Another thing, is looking at other factors like

demographics, gun control, and mental and physical health in each state that could cause more crime

• From the data that was collected, marijuana does not have a negative affect on violent crime rates in the

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