Discussion About Shiny Application*

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1 Background

The ideas discussed in Bouie (Bouie 2022) state that we should identify ethical issues while dealing with the quantitative analysis of human atrocity. Something has to be present during the quantification process that we disregard. Put another way, there is never a flawless data set that is complete, regardless of how precise and comprehensive the set is. As a result, we aim to achieve the stated objective: resolve some moral issues.

During World War II and the Holocaust, Auschwitz concentration camp was a major place of the Nazis' Final Solution to the Jewish problem (Contributors 2019).

2 Application Findings

I use `shiny` (Chang et al. 2024) to make a interactive graph and table. See details of my app at: https://posit.cloud/content/7924192. These show the number of victims murdered by religion and the user is allowed to specify the religions they are interested in seeing data for.

What's more, I use `ggplot2` function to make Figure 1 to show the number of victims for each religion.

In the Figure 1, we can found that the number of victims who has religion Catholic is larger than that of religion Jewish. Usually we think the Holocaust killed Jewish most, but this graph shows a different thing. Thus we can infer some reasons behind this fact. And this finding shows the crudity of the Holocaust indirectly.
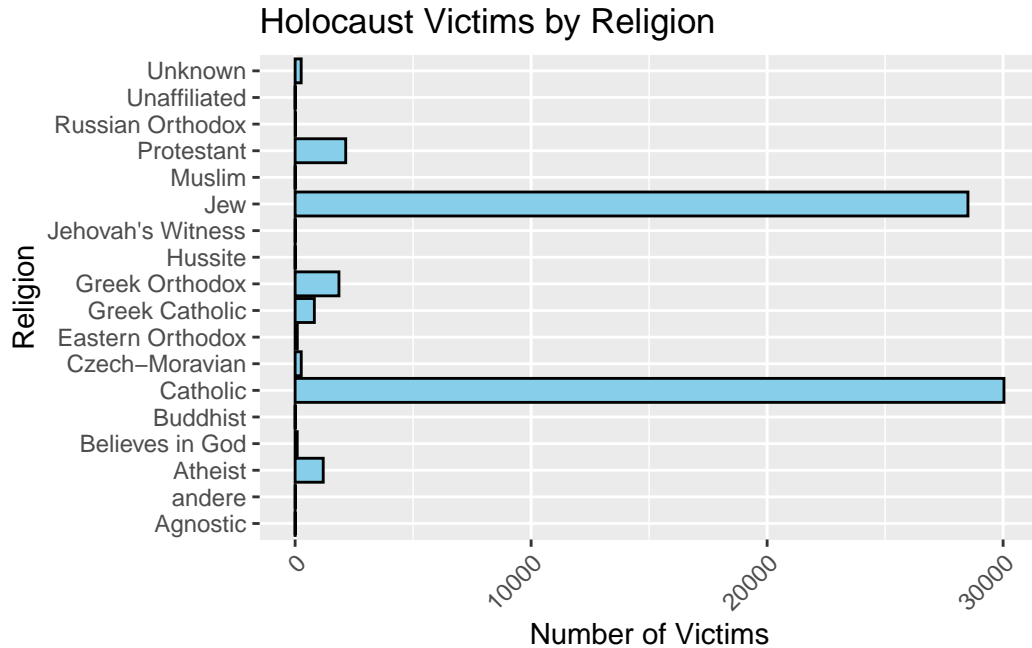
Holocaust Victims by Religion

Figure 1: The number of victims for each religion

Bouie, Jamelle. 2022. "Opinion | We Still Can't See American Slavery for What It Was." *The New York Times*, January. https://www.nytimes.com/2022/01/28/opinion/slavery-voyages-data-sets.html.

Chang, Winston, Joe Cheng, JJ Allaire, Carson Sievert, Barret Schloerke, Yihui Xie, Jeff Allen, Jonathan McPherson, Alan Dipert, and Barbara Borges. 2024. *Shiny: Web Application Framework for r.* https://shiny.posit.co/.

Contributors, Wikipedia. 2019. "Auschwitz Concentration Camp." *Wikipedia*. Wikimedia Foundation. https://en.wikipedia.org/wiki/Auschwitz_concentration_camp.