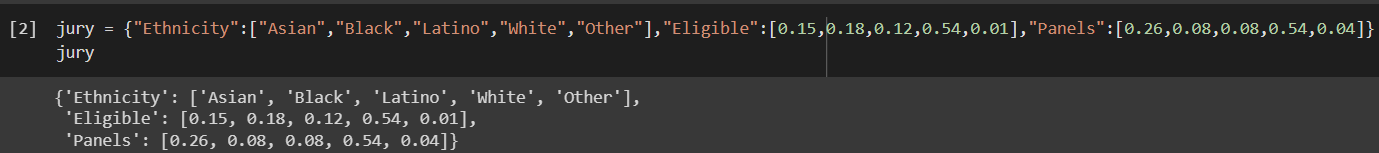
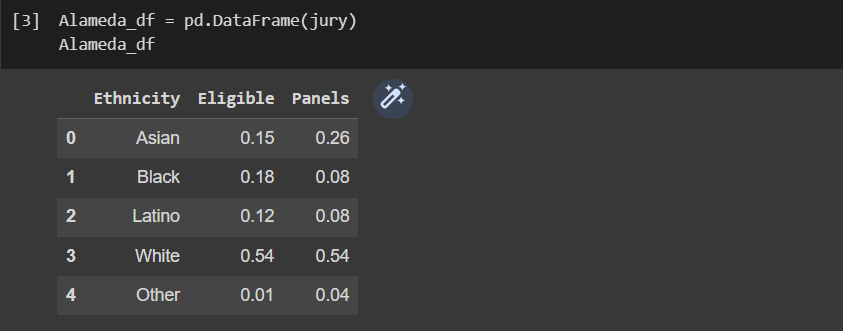
**Null Hypothesis :** Panel members were selected at random from the population of eligible.

**Alternate Hypothesis :** Panel members were not selected at random.

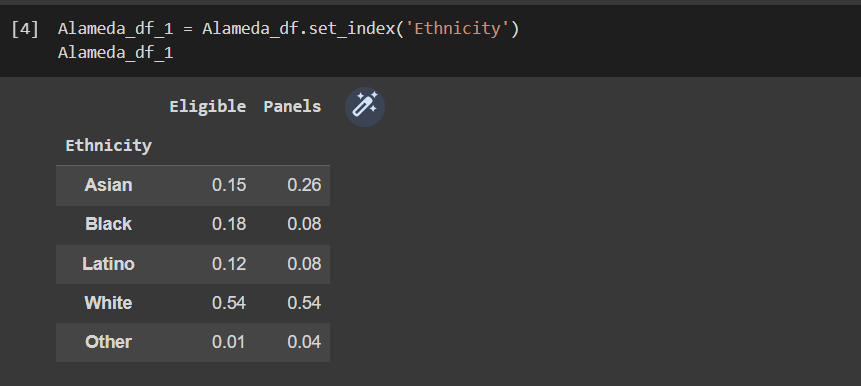


**ELIGIBLE**: eligible members in ethnicity

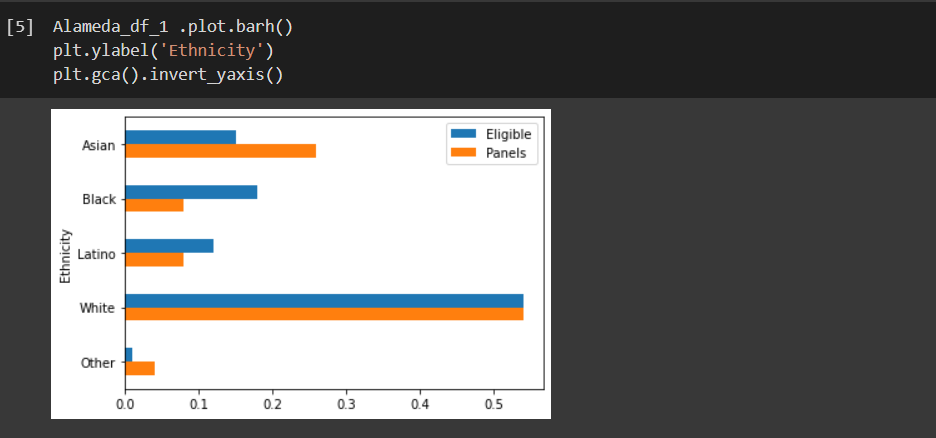
**PANELS:** total no of people in etnicity



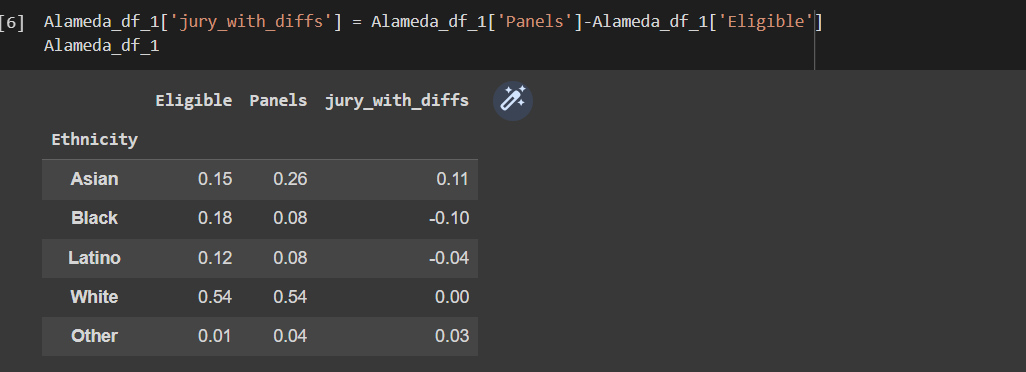
Seting index as ethnicity storing in Alameda\_df\_1



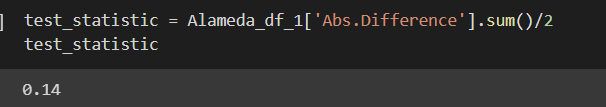
Bargraph between eligible and panels



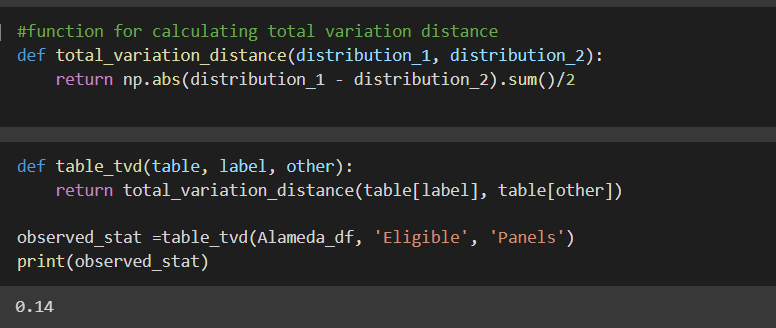
Finding the difference between the panels and eligible



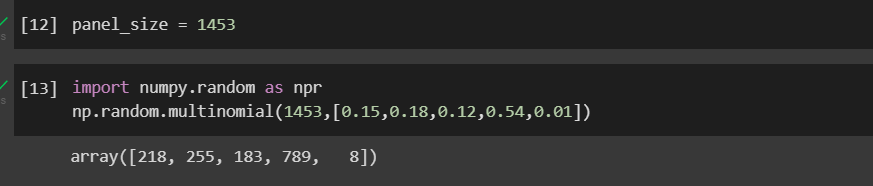
Total variance

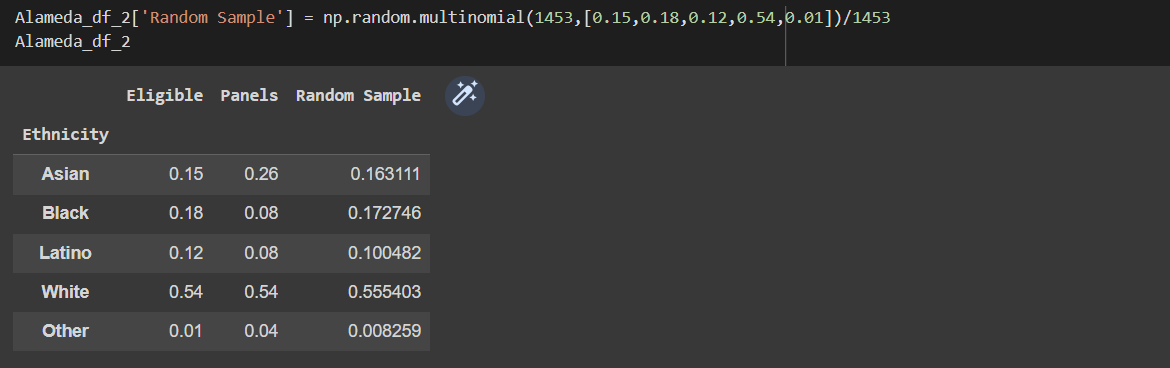


Finding TVD

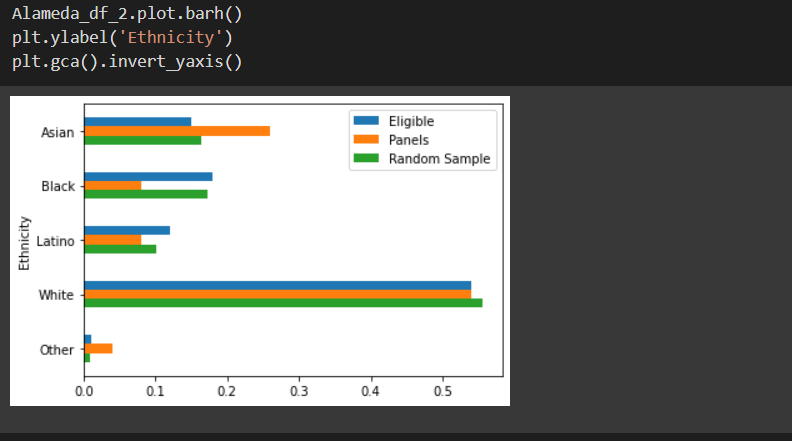


We will get random numbers

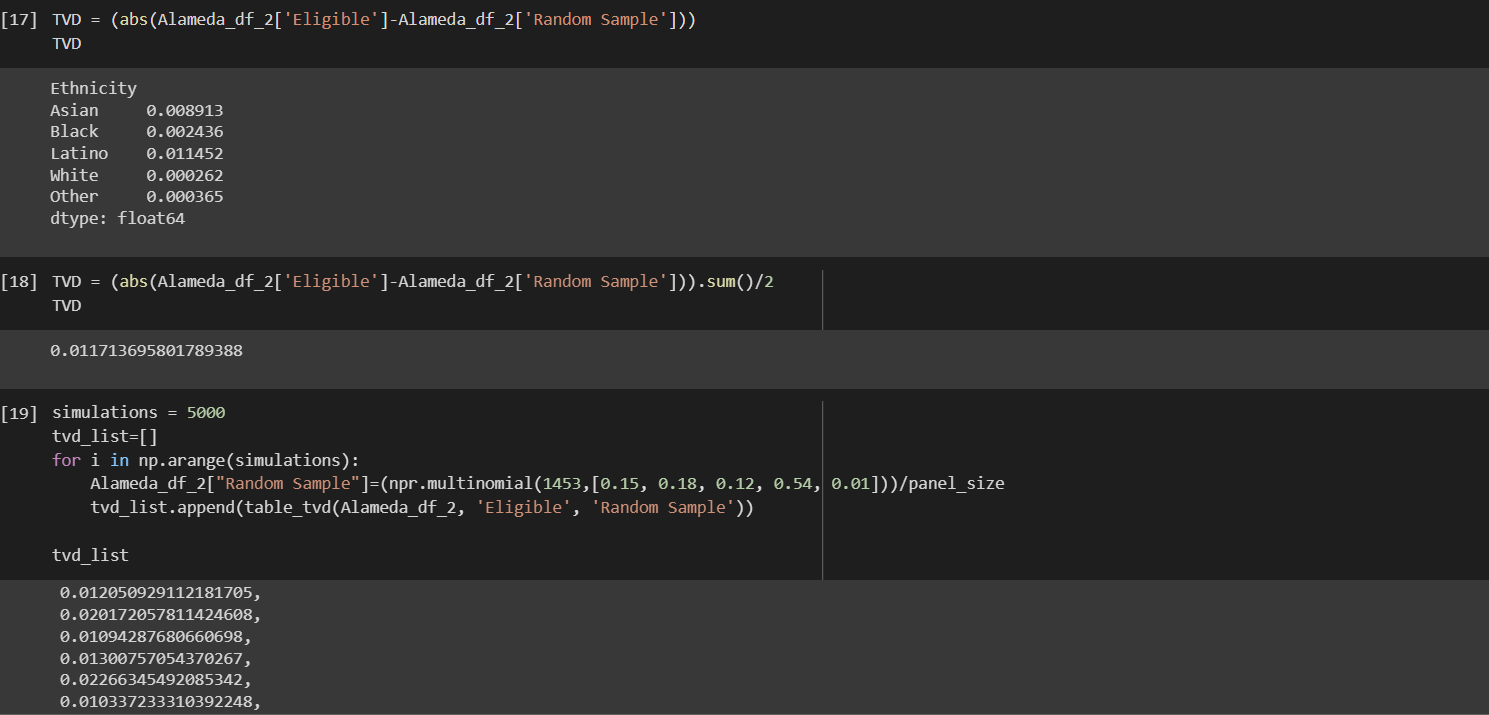


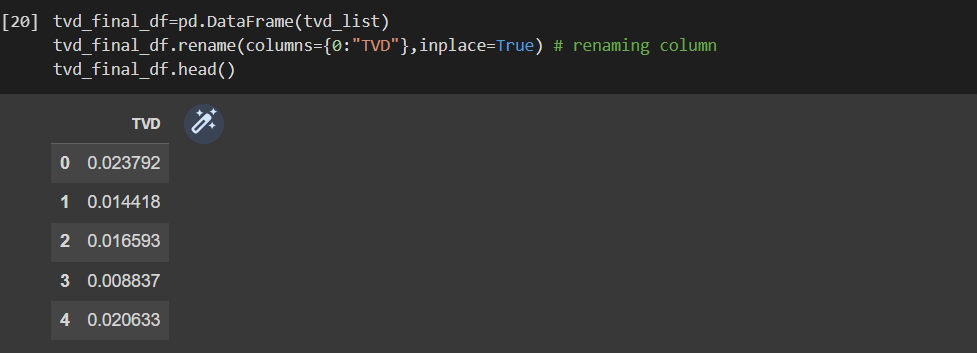


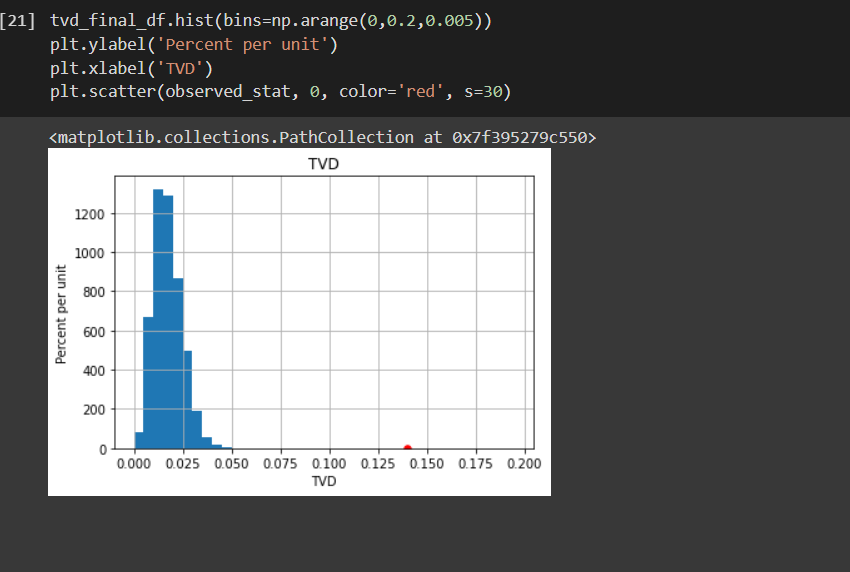
To find difference between eligible, panel and random sample



TVD value 0.0117







The distance between the panels and the population was 0.14

**Null hypothesis is rejected**