Question 1)

7210 bonds were approved and 1638 bonds were defeated by voters. The City, County, and WD all have around a similar bond approval rate, but the county approval rate is significantly lower than the rest of the government types, by nearly 20%.

Question 2)

The bond with the highest voter turnout occurred on November 8, 2022; it occurred in Harris County. This bond measure was for implementation of new road utilities.

Question 3)

The distribution of “percentage of votes for “ for approved bonds with at least 100 total votes is skewed right, with most voting percentages being between 50 and 70 percent. The lowest percentage vote with an approval was 50.040%, the Q1 percentage was 57.975%, the median percentage was 65.083%, the Q3 percentage was 72.896% and the maximum percentage vote for was 99.444%.

A graph of a person with a vote

Description automatically generated with medium confidence

Question 4)

There is not a strong correlation between the cost of a bond and the percentage of votes for a bond as shown by the correlation coefficient being only 0.0006, very close to 0. This demonstrates that the margin a bond was approved by is not related to its cost.

A graph of black dots

Description automatically generated