

What game do you like the most?

Introduction:

The purpose of this investigation is to find out the popularity of video games between males and females of junior high school students. I will also investigate which game is liked the most and based on which classes. There is a rise in video gaming because of covid and staying indoors.

Data collection:

The target of my survey results is 33 junior high school students from different classes and both genders (male/female). I chose both genders to see which games guys play vs what the girls play and see if there are patterns. I surveyed different classrooms during lunch and recess. After surveying the students results are tallied immediately on a spreadsheet. My data is a good sample of my target population since it takes junior high students from different classes (less bias) and gender (no gender bias), so it is representative of my school.

Table of results:

Below is a table of results based on my categorical Data collection:

Game	People who play
Minecraft	9
Valorant	1
Fornite	1
Brawlstar	6
Rolblox	5
Other	11
total	33

Below is a table of my results for Quantitative data collection:

Class	Male	Female
D	5	4

C	3	0
B	2	1
A	1	0
E	4	2
F	6	1

Graphs:

Pie chart

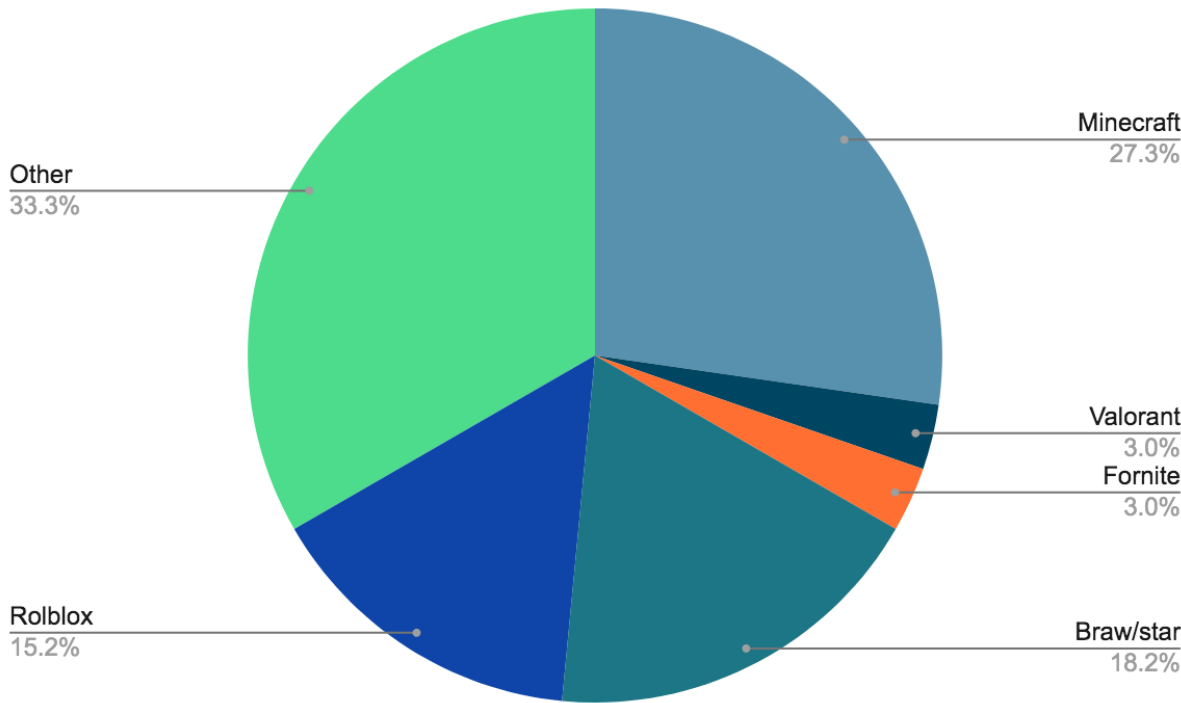
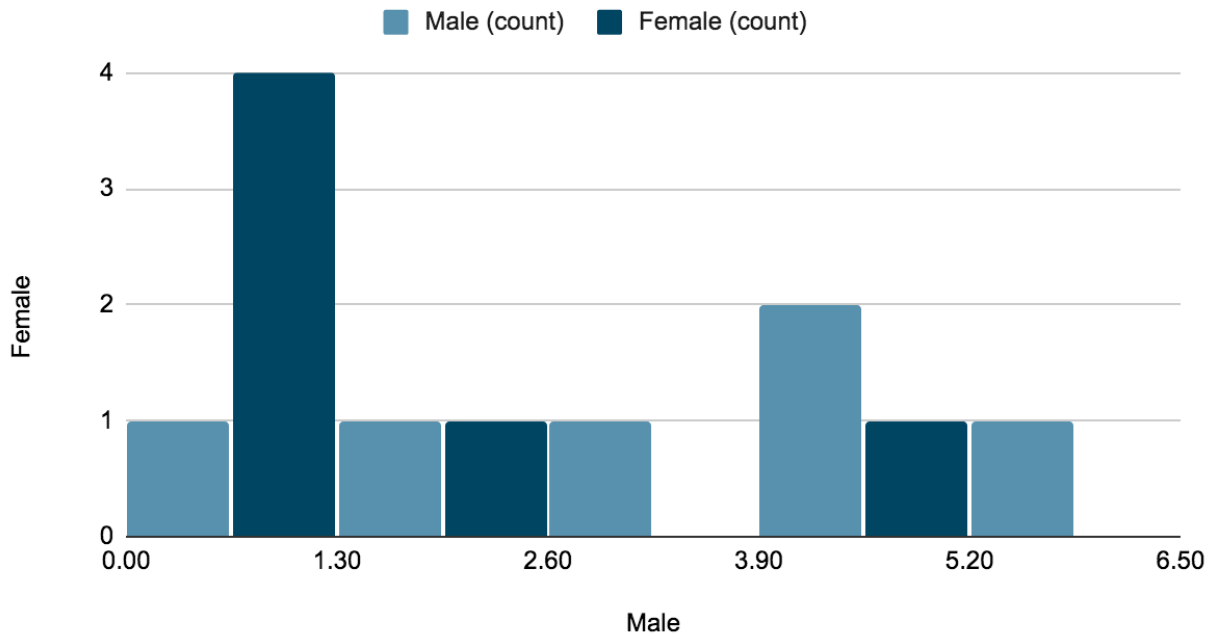


Figure 1: This shows the split in data for each of the categories and what percentages of games each person plays.

Histogram

Figure 2: This graph shows the ratio of male to female count. The data displayed shows there is 1 class with 4 females.

Female vs. Male



Misleading Graphs:

The histogram graph is kinda of misleading but it is useful to someone who wants more information and compare the amount of females to males.

Conclusion:

Overall, looking at the pie chart, we can see that other is the most played along with minecraft for junior high students. The histogram shows that class D had the most females participate in the survey compared to the other classes. This information would be useful to software engineers or game designers because they could make more projects in the games that are most popular!