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Title: Avengers

List 3 questions that you can ask with your dataset.
Q1: Is gender related to death?
Q2: Is the number of an Avengers appearances in comic books related to their second death
Q3:

List the associated null hypothesis for each question:
Q1: There is no relation between gender and death
Q2: There is no relation between comic book appearances and their second death
Q3:

What statistical test(s) will you use to answer each of the questions:
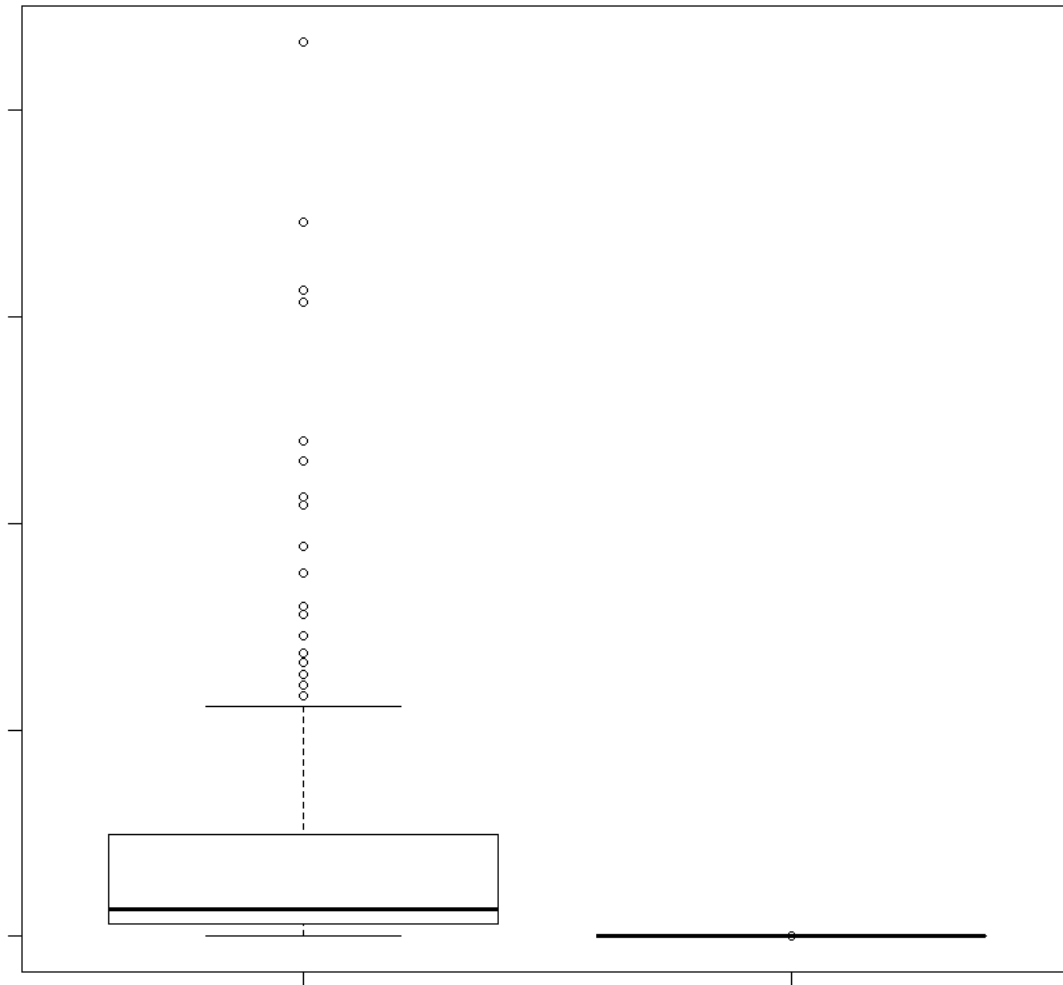Q1: Chi Square
Q2: T.test
Q3:

Make a visual plot showing the relationship that you will analyze statistically (e.g. boxplot for t-test or ANOVA; scatterplot for regression; table for chi-square).

```
Q1:      FALSE  TRUE
  FEMALE    37    21
  MALE      67    48
```

Q2:

Q3:

Do your data meet the assumptions required for the statistical test you want to run? Please state the assumptions you examined and whether or not your data meet those assumptions:
Q1: The assumptions used were that the observations were independent of each other, sample size was >30, My observations are paired across the groups
Q2:Dependent variable in continuous, observations are independent, variance is equal, values are nearly normal or sample size is >30
Q3:

Run the statistical test! Put your results here:
Q1: p.value = 0.5912
Q2:p.value= 1.617e-1
Q3:

Interpret your results!

Q1: There is no relationship between gender and death

Q2:There is a relationship between appearance and second death

Q3: