**Stat 021 Fall 2020**

**Class 7 Group Worksheet**

**Part 1**

1. Write a scientific question for this data set that can be answered with a chi-square test of independence. State the null and alternative hypotheses of the test.

Question:

H0:

HA:

1. Write a scientific question for this data set that can be answered with a chi-square test of homogeneity. State the null and alternative hypotheses of the test.

Question:

H0:

HA:

1. Write a scientific question for this data set that can be answered with an ANOVA test. State the null and alternative hypotheses of the test.

Question:

H0:

HA:

**Part 2**

Write your conclusions from the box plots in the space below.