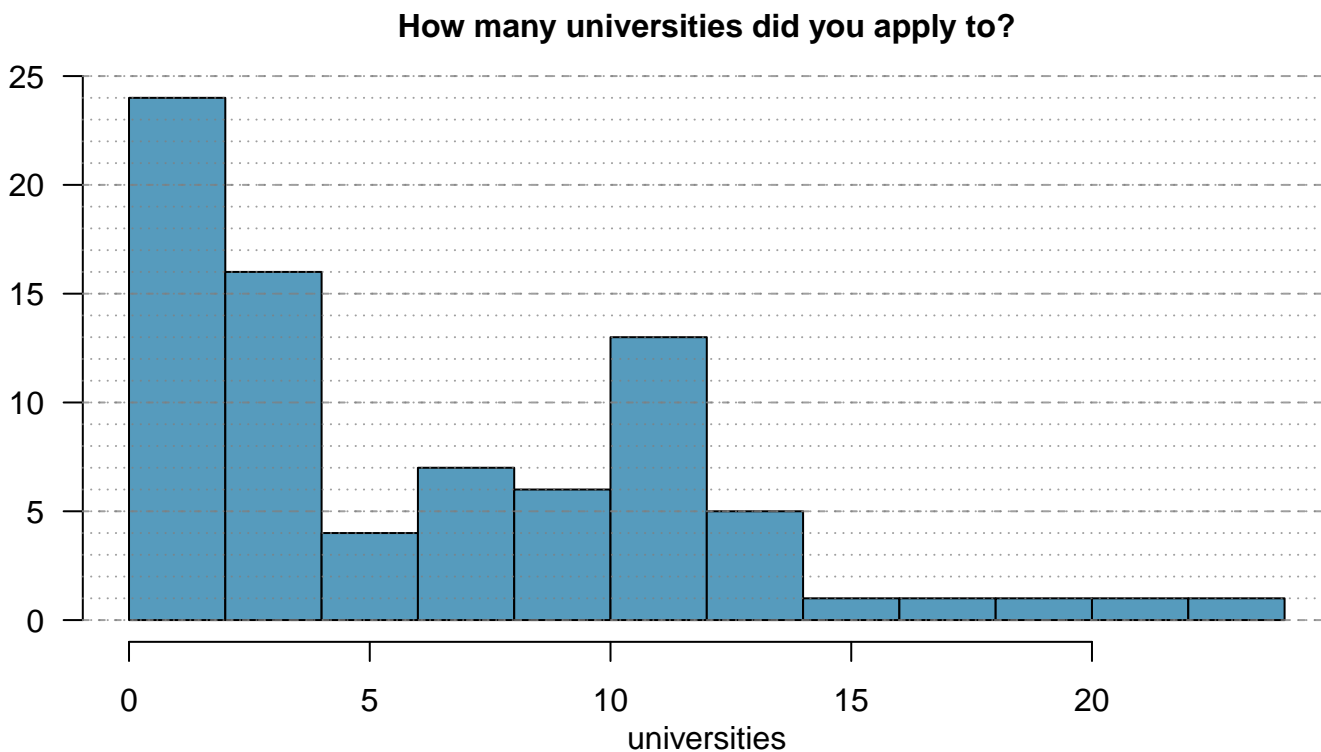


## Application exercise 1.3: Boxplots

Submit your responses on [Sakai](#), under the appropriate assignment. Only one submission per team is required. One team will be randomly selected and their responses will be discussed.

The histogram below shows the distribution of number of universities applied to by 80 students from Sta 101. All responses were non-negative whole numbers.



Complete the following tasks. We will sketch a box plot together based on your answers.

1. Estimate the median.
2. Estimate Q1 and Q3.
3. Calculate IQR.
4. Calculate the upper and lower fences.
5. Identify the outliers, if any.