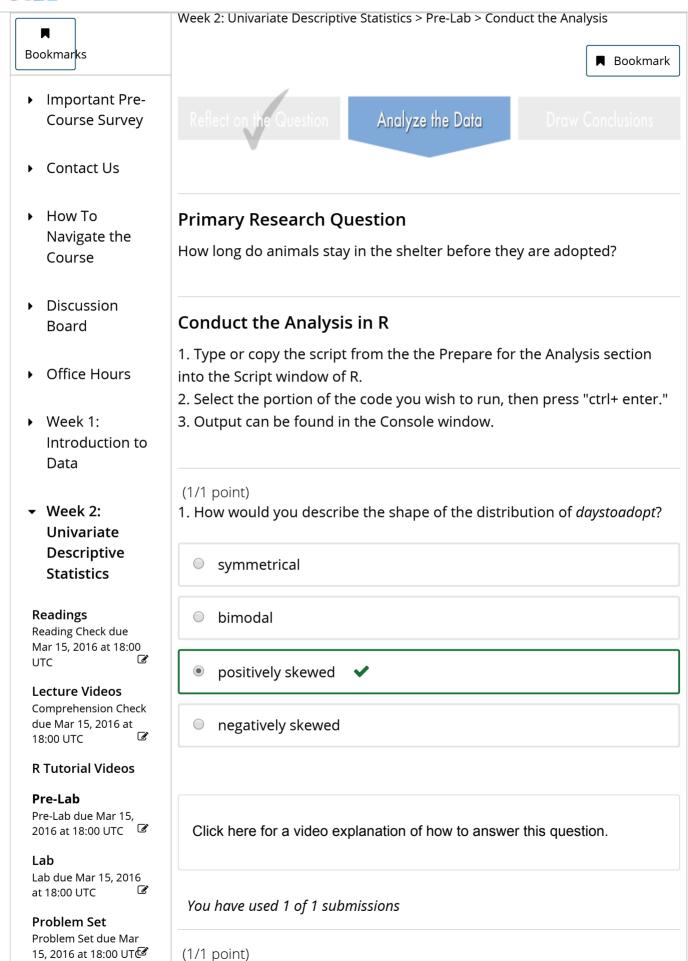


## UTAustinX: UT.7.10x Foundations of Data Analysis - Part 1



- Week 3: Bivariate Distributions
- Week 4: Bivariate Distributions (Categorical Data)

2. Which measures of center and spread should you report for this data?
● median and IQR
mean and standard deviation
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
(1/2 points) Enter numerical values for the following:
3a. Center=
13 <b>✓</b> Answer: 13
13
3b. Spread=
29 <b>X</b> Answer: 30
29
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
(2/2 points) It looks like one adopted animal spent much more time in the shelter than the others.
4a. How many days was this animal in the shelter?
<b>2</b> 11 <b>✓ Answer:</b> 211
211

Conduct the Analysis   Pre-Lab   UT.7.10x Courseware   edX
4b. What was the z-score for this particular animal? Round to the nearest
TWO decimal places.
5.09 <b>Answer:</b> 5.09
5.09
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
(1 point possible)
<ul><li>(1 point possible)</li><li>5. Why should we <b>NOT</b> report a z-score for this animal, even though we</li></ul>
can calculate one?
can calculate one:
A z-score should only be used for distributions of height and
weight.
This animal is an outlier.
○ The distribution is skewed. ✔
The variable is categorical, not quantitative.
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
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