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EDG 500

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1. In the 1970s, statistician Ron Thisted did a statistical analysis of Shakespeare's vocabulary. Based on his analysis he created a computer program. What could his program tell you about a Shakespearean poem?

Ron Thisted program is able to tell us seven unique words in it Shakespeare didn't have anywhere else in the poem.

2. In analyzing a poem to see whether or not it was authored by Shakespeare, Thisted set up a null hypothesis and an alternative hypothesis. State those hypotheses in words.

the null hypothesis was that Shakespeare wrote the poem.

His alternative hypothesis was that someone else besides Shakespeare wrote the poem

3. What was the approximate distribution of the number of unique words per poem in Shakespeare's poems?

The approximate distribution of the number of unique words per poem in Shakespeare's poems is seven.

4. Thisted observed 10 unique words in the newly discovered poem. Was that sufficient evidence to conclude that Shakespeare did not write the poem?

It was

5. Which is better evidence against the null hypothesis, a large p-value or a small p-value?

A p value is better evidence against the null hypothesis