SEARCH

RESOURCES

CONCEPTS

Mentor Help
Ask a mentor on our Q&A platform

Peer Chat   1
Chat with peers and alumni

The p-value is the probability of getting our statistic or a more extreme value
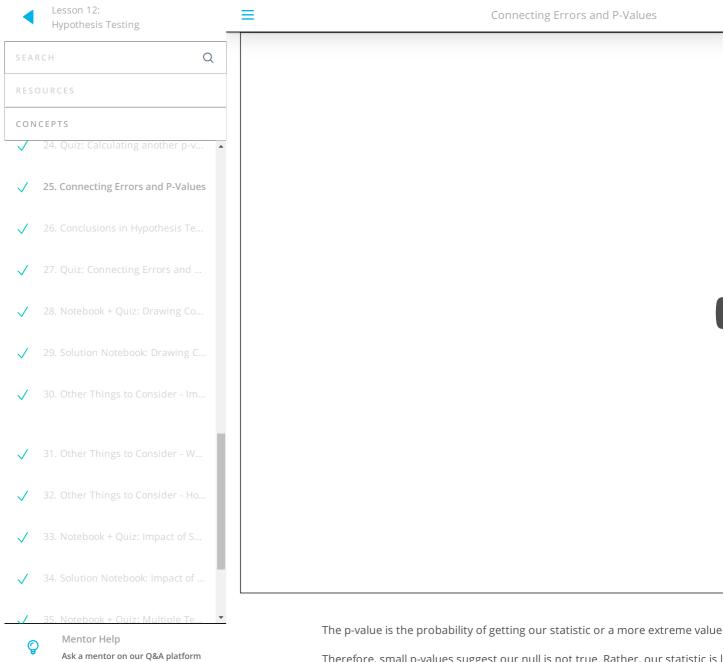
Therefore, small p-values suggest our null is not true. Rather, our statistic is l
a different distribution than the null.

When the p-value is large, we have evidence that our statistic was likely to con
hypothesis. Therefore, we do not have evidence to reject the null.

By comparing our p-value to our type I error threshold (α), we can make our
hypothesis we will choose.

$pval \leq \alpha \Rightarrow$ Reject H_0

$pval > \alpha \Rightarrow$ Fail to Reject H_0