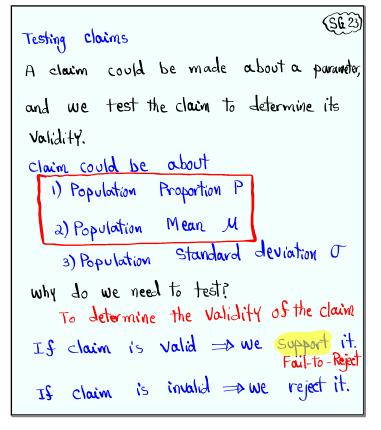


Feb 19-8:47 AM



May 23-8:07 AM

Possible errors!

If claim is valid but we reject it.

If claim is invalid but we support it.

The final conclusion of testing a claim must be about the claim.

Reject the claim OR FTR the claim (claim is invalid)

May 23-8:13 AM

Testing Methods:

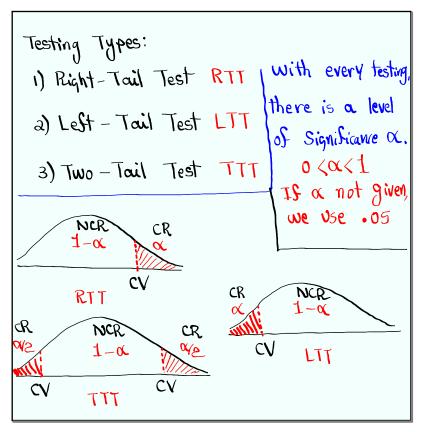
1) Traditional Method

2) P-Value Method

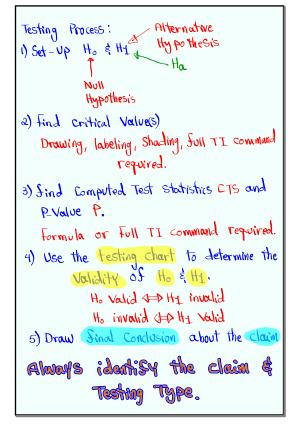
3) Considence interval Method

Regardless of the method, Sinal Condosion

must be the Same.



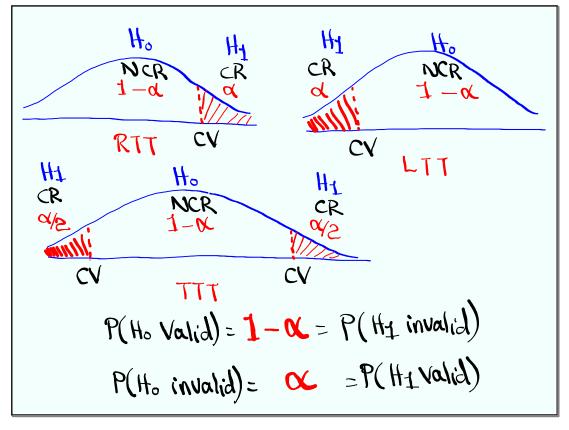
May 23-8:20 AM



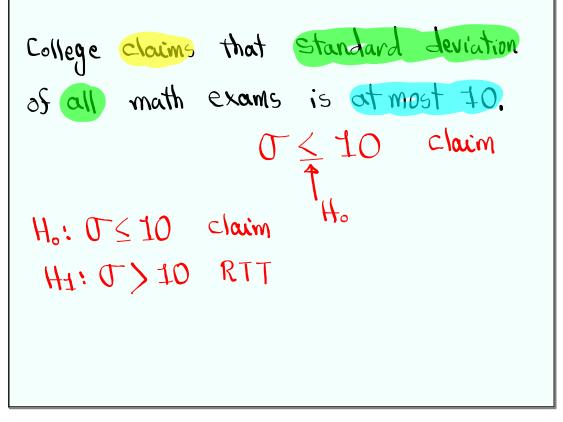
May 23-8:28 AM

```
More on Ho & Hy:
 Ho must contain equal Sign. = , \geq , \leq
 HI cannot contain equal sign. +, <,>
Key words for Ho:
 is, equal, Same, not different at least
 at most, ...
 Keywords Sor Hy:
 is not, not equal, not same, different,
  more than, less than, exceed, below,
  above, ---
H1: +
  TTT
      H1 tells us the testing type.
 claim could be to or HI (Not both at
                               the Same time
Always identify the claim and
          testing type.
```

May 23-8:38 AM



May 23-8:52 AM



Reality Action	Ho Valid	I Ho invalid
Support Ho	Good	Type IL Error
	Decision	Error
Reject Ho	Type I	Good
	Error	Decision

May 23-9:01 AM

More on P-Value:

P-Value is the Smallest Significance level

For which Ho will be supported and

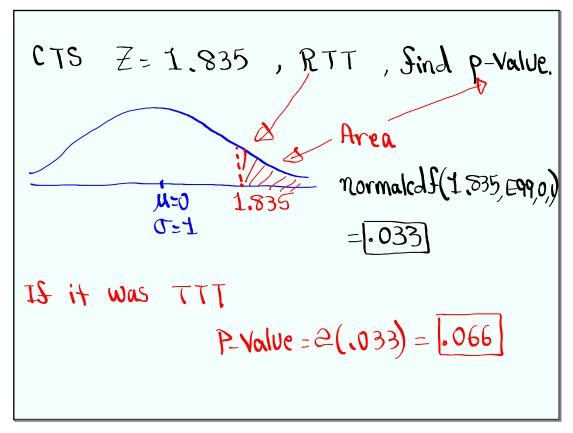
Ht " " rejected.

P-Value is the area under the curve

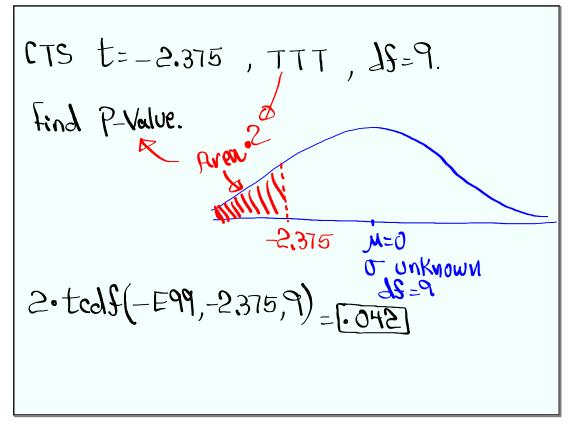
marked by CTS.

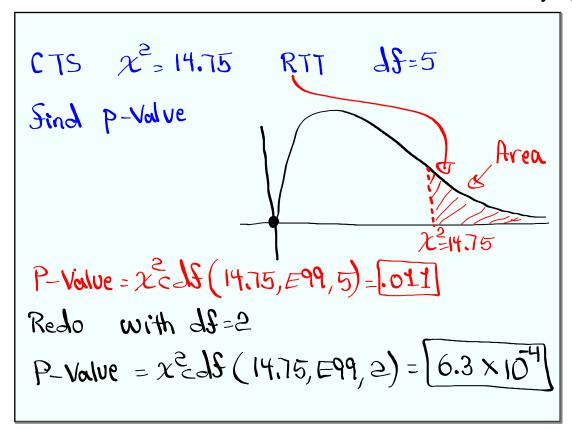
Multiply that area by 2 only when

Performing TTT.

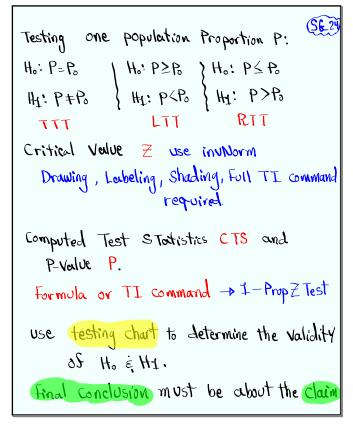


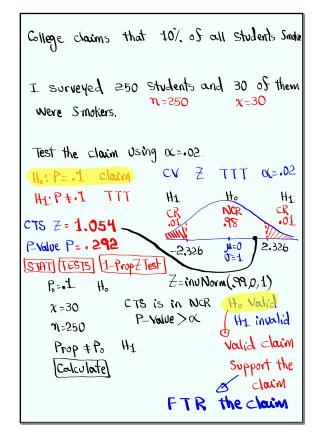
May 23-9:09 AM



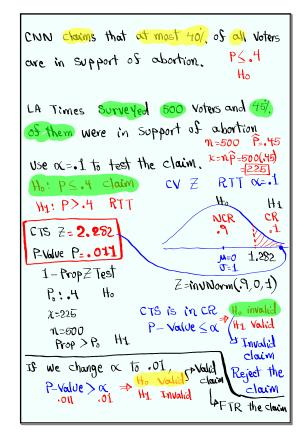


May 23-9:16 AM

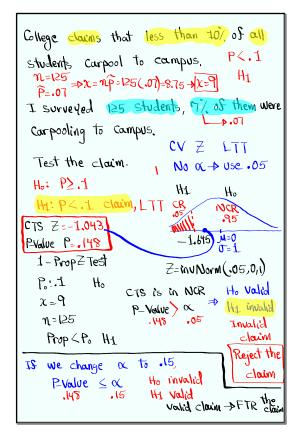




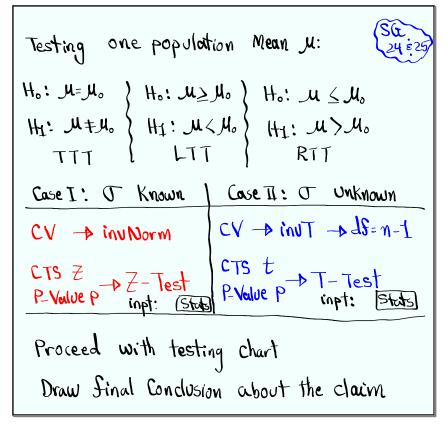
May 23-9:40 AM

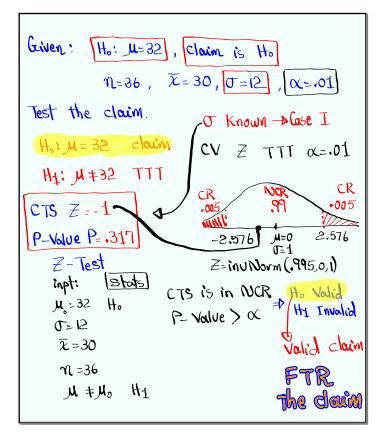


May 23-9:52 AM

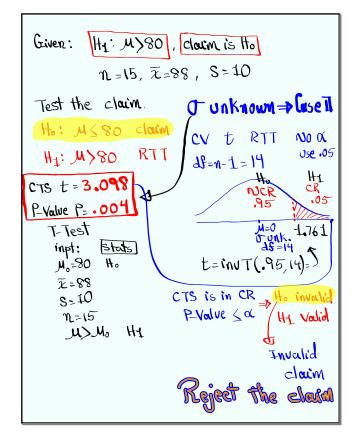


May 23-10:08 AM





May 23-10:43 AM



May 23-10:53 AM