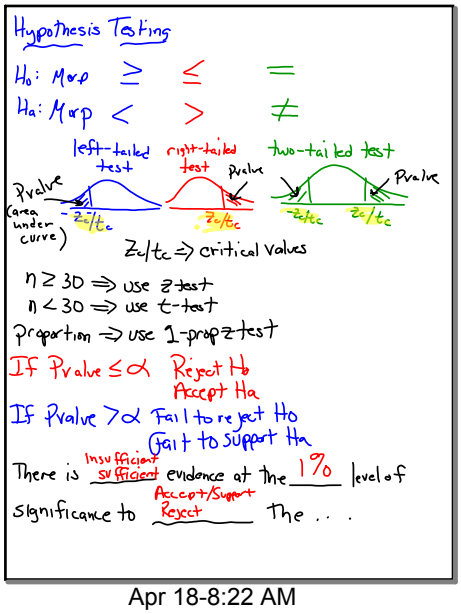
Hypothesis Testing
H_0: Mop $\geq$ $\leq$ $=$
H_a: Mop $<$ $>$ $\neq$
left-tailed test
right-tailed test
two-tailed test
Pvalue
(area under curve)
$-z_c/t_c$
z_c/t_c
z_c/t_c ⇒ critical values
$n \geq 30$ ⇒ use z-test
$n < 30$ ⇒ use t-test
Proportion ⇒ use 1-propz test
If Pvalue $\leq \alpha$ Reject Ho
Accept Ha
If Pvalue $> \alpha$ Fail to reject Ho
(fail to support Ha
There is insufficient/sufficient evidence at the 1% level of
significance to Accept/Support/Reject The . . .

Apr 18-8:22 AM