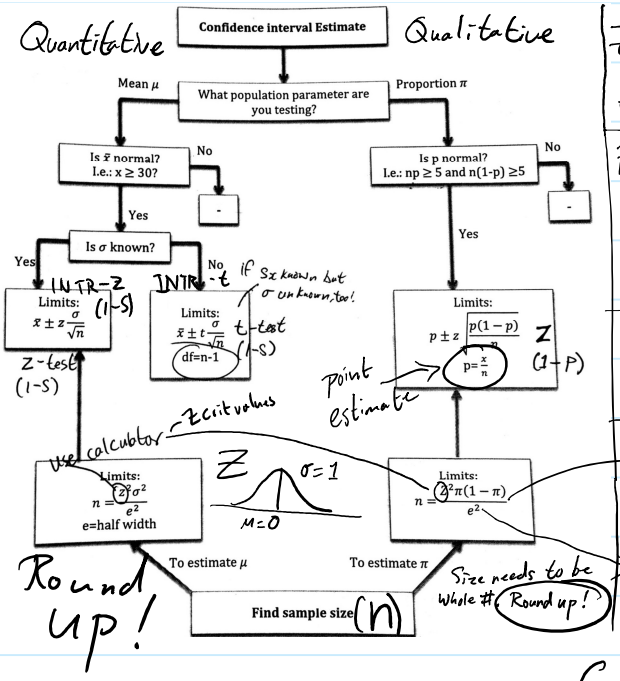
Test 1 Cribsheet

February 26, 2016 1:03 PM

CH 10 INTR-Z or t to find interval estimate



Z test: needs μ, σ, n, $\bar{x}$

t test: needs C-Level (decimals), $\bar{x}$, sx, n

Finding crit. value: Both are ±

Z: DIST → Norm → InvN | area: C.I. | σ=1 | μ=0

t: DIST → t → Invt | df: n-1 | area: (1 − C.I.)/2

Find Proportion π: INTR → Z → (1-P)

needs: C-Level, x, n, where x = # out of n

If π is not given, assume π = 0.5

if given, choose closest to 0.5

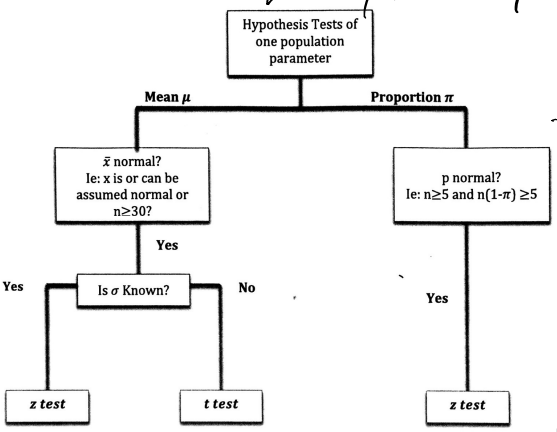
e = something within, eg. ±25

↳ Margin of error / Sampling error

CH 11

H

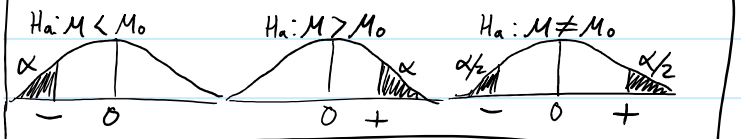
H0 involves equality, always!



α = level of significance = (1 − C.I.)

∴ if α = 0.05, C.I = 0.95

For both Z and t



If p ≥ α, don't reject H0

If p < α, reject H0