Sampling

# Large Sample test (n>30)

n = sample

σ = standard deviation

= mean of sample

= mean of population

1. **Confidence Interval (Find interval / range)**
   1. Single Mean

where

* 1. Two Mean

where

1. **Testing Hypothesis (claim / compare)**
   1. Single Mean

* 1. Two Mean

where

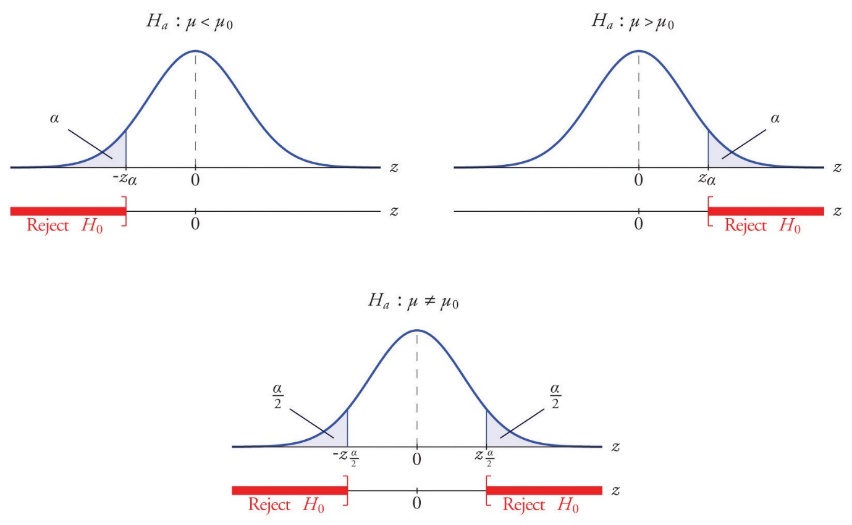
1. ∝=5% z∝=1.96

∝=10% z∝=1.64

∝=1% z∝=2.58

*Note: If ∝ is not given assume ∝=5%*

1. **Normal Curves**



1. **To find Number of samples**

where E= Error

If population is finite