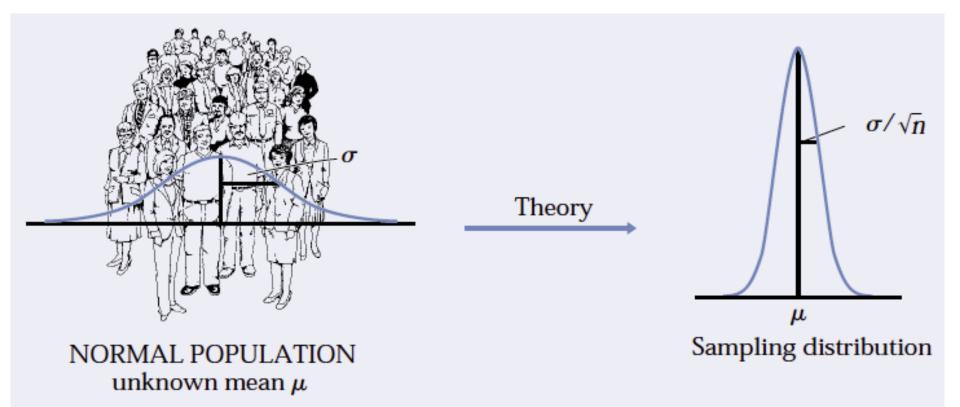
# Lab 4, Bootstrap

#### TMS150, MSG400

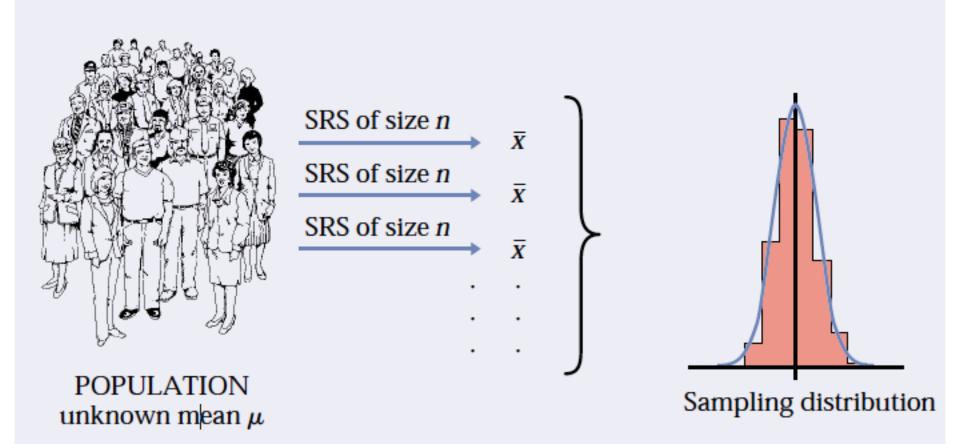
Pictures from "Bootstrap Methods and Permutations Tests", Moore et al

# Sometimes we know!



Estimator: sample mean,  $\overline{X} \sim \operatorname{norm}(\mu, \sigma^2/n)$ 

### How to do it if we don't - ideal case



### How to do it if we don't - bootstrap

