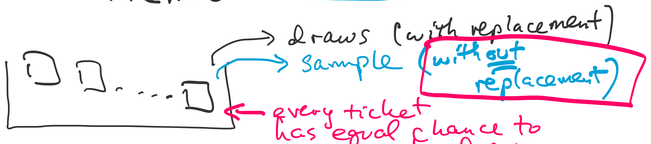
mas170.04.14

Tuesday, April 14, 2020 9:47 AM

Exam 3: Can you see it on Canvas?
Any trouble with the technology during the exam?

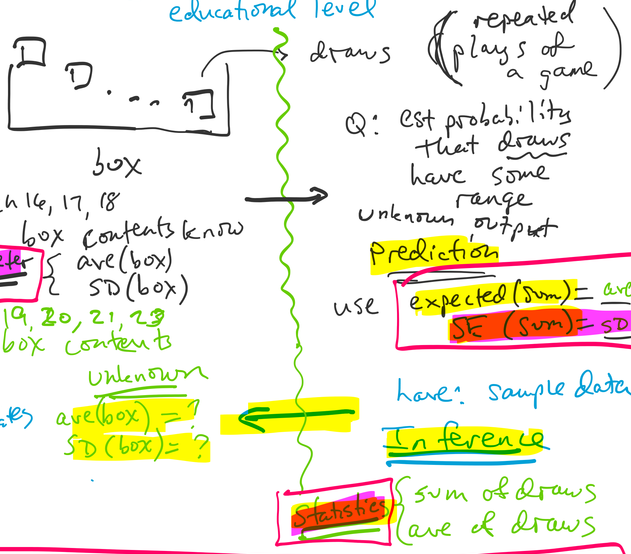
Ch 19 Overview/Review: 16, 17, 18 / 19, 20, 21, 23 — Sampling



Box model ≡ Population
tickets in box
numbers on each ticket

examples:
- Ch 16, 17, 18: dollar values (four win/loss) amount on bet
- 1's, 0's only ≡ counting yes/no

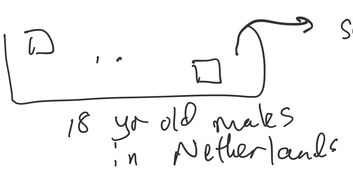
remaining Ch's:
- ht
- wt
- income
- educational level



Prediction is using a know probability box model to find probabilities about sample values.
Inference is using sample statistics to estimate unknown parameters.

A 45, 5
Rev 1, 10

A 46. "all men"...

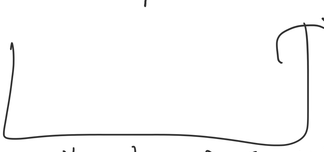


nothing unknown
nothing to estimate

5. Yes! Bias.

Rev Ex 1

simple random sample ≡ random draws without replacement
all tix same chance to draw



Rev Ex 10