Stats Review Tuesday, August 25, 2020 11:03 AM
correlation vs Causation
Descriptive us inferential statistics
4 sunmarizing 4 Drawing conclusions
Levels of measurement:
Naminal 7 Categorical
Nominal 7 categorical ordinal 4 orderis important 7 Rank ordering interval 4 ordering + equal interval 4 Fahrenheib Ratio 7 ordering; equal interval + absolute Zero
Variables
numerical categorical 40iscrete 4 nominal 4continuous 40Ninai
Medendent variable relies on independent variable
use sample to generalize the population
and labor Mean Standard dev
Population in Santial Control of Sample of Santial Control of Santial
$\sim 101 - 100$
Types of Sumpling: Canventent
Casy to Find Sample group Random
everyone in the Admintion has a chance to
CHAFER 1
Price similar groups in the same strata NSE random samples to select n from each
7 Para
useful when cases in each stratum are
Clusters Ofvide population into grands (clusters)
choose a clusters Include all abservations from the cluster
Combine types for multi-state Sompling
Random assignment
assigned to just are group
Random assignment  Participants ore independently I Randomly  assigned to just one group  equal phobability to be in any group  aroups on have a participants
abservational vs Experimental Study
A confounding Variable is an "extra" variable that you didn't account for
Bias can be Mitigated with blind/ double-blind trials and/or Placebo