

07/09/2019

Statistics

Collecting, summarizing, analyzing to draw conclusion.

Population

Our ~~stat~~ class
parameter (AM)

Qualitative

class.

Discrete

10 students

Sample

Female

Statistic (some)

Quantitative

representing numeric
value.

Continuous

Temperature, Time,
distance

Level of Measurement

Nominal (Qualitative)

names, labels, categories.

Ordinal (Qualitative or Quantitative)

Rankings

□ Category

Grades

□ can't subtract

Interval (Quantitative)

□ can subtract. (make sense).

□ Don't have a natural zero starting point.

Ratio (Quantitative)

Natural zero make sense.

Observational study

SAT scores

Favourite colour

Design Experiment ~~to~~

Control group

Treatment

Regular stats class

Pearson

Text book, by hand

Excel

Random sample is a sampling technique in which every member of the population has an equal chance of being selected.

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Math 1342

