Statistics

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1 What is statistics

Basically, we apply statistics when we try to figure out what large populations of data are doing, based on smaller samples.

1.1 Properties of data

Sample Mean $\bar{x} = TODO$

2 Probability

Notation:

$P(E) = \frac{n(E)}{n(s)}$

Sample Space: A list of all possible outcomes of an experiment is called, equally likely

An event is a subset of a S

if a is an event the complement of a is everything else

The complement of A is $\bar{A}$