

## Symbols

Symbols used in course

Symbols for various sample statistics and the corresponding population parameters.

Sample	Population	Description
$n$	$N$	Size/Number of Members
$\bar{x}$	$\mu$	Mean
$\hat{p}$	$p$	Proportion

Other

Symbols	Description
$f$	Frequency
$f/N$	Relative Frequency
$\Sigma$	Summation
$\bar{x} = \frac{\Sigma x}{n}$	Mean of sample
$\mu = \frac{\Sigma x}{N}$	Mean of population
$\frac{n+1}{2}$	Median (Odd data set)
$\frac{x_{\frac{n}{2}} + x_{\frac{n}{2}+1}}{2}$	Median (Even data set)