Test	
Proportion Test	Used when making inferences about population proportion
Mean Test	Used when making inferences about a population mean parameter
Cross Tab	Used when investigating the relationship between two categorical (aka factor) variables
Simulation	Used when you know the distributions of primitive random variables and want to generate the distributions of measures that are likely complex functions of these primitives
Regression Analysis	Used when investigating the relationship between dependent and independent variables (can handle quantitative and categorical variables)

Use When

Used when making inferences about population poportion
--> i.e. Percentage women, percentage retired etc
--> testing against a known or fixed value (single Proportion)
--> Testing acriss two groups (compare proportions)

R code

```
## Single Proportion
result <- single _prop(
        dataset = " ins ura -
nce ",
         var = " fra udu len t",
         lev = " Yes ",
          com p_value = 0.098,
          alt ern ative = " -
gre ate r")
summar y(r esult)
plot(r esult, plots = " sim -
ula te")
```

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