

Test	Use When
Proportion Test	Used when making inferences about population proportion --> i.e. Percentage women, percentage retired etc
Mean Test	Used when making inferences about a population mean parameter --> testing against a known or fixed value (single Proportion) --> Testing across two groups (compare proportions)
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)

R code
<pre>## Single Proportion result <- single_prop(dataset = "ins_ura_nce", var = "fraction", lev = "Yes", comp_value = 0.098, alternative = "greater") summary(result) plot(result, plots = "simulate")</pre>



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