



Test	Type of UV	Type of AV	Example
One-Way ANOVA	Categorical	Continuous	What is the difference in the average pain levels among surgical patients, who were given three types of painkiller medication?
Two-way ANOVA	Categorical	Continuous	What is the difference in the average pain levels among surgical female and male patients, who were given three types of painkiller medication?
Simple Linear Regression	Continuous	Continuous	What is the effect of the number of minutes spent on exercise per week on longevity?
Multiple Linear Regression	Continuous / Continuous+Discrete,Dummy	Continuous	Continuous + Continuous: What is the effect of income, the number of minutes spent on exercise per week on longevity? Continuous + Categorical: What is the effect of gender and the number of minutes of exercise per week on longevity?