*# %%*

*# ttest of means of age for having heart disease or not*

rp.ttest(group1= df["Age"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["Age"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for different levels of CholCheck*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["CholCheck"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["CholCheck"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for having a stroke or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["Stroke"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["Stroke"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for different levels of NoDocbcCost*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["NoDocbcCost"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["NoDocbcCost"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of GenHlth for having heart disease or not*

rp.ttest(group1= df["GenHlth"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["GenHlth"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Text, table

Description automatically generated

*# %%*

*# ttest of heart disease for different levels of AnyHealthcare*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["AnyHealthcare"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["AnyHealthcare"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of MentHlth for having heart disease or not*

rp.ttest(group1= df["MentHlth"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["MentHlth"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of PhysHlth for having heart disease or not*

rp.ttest(group1= df["PhysHlth"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["PhysHlth"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for different levels of DiffWalk*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["DiffWalk"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["DiffWalk"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of education level for having heart disease or not*

rp.ttest(group1= df["Education"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["Education"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for each sex*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["Sex"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["Sex"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disewase for having heavy alcohol consumption or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["HvyAlcoholConsump"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["HvyAlcoholConsump"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for having diabetes or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["Diabetes"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["Diabetes"] == 2], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for being a smoker or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["Smoker"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["Smoker"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for having high cholesterol or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["HighChol"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["HighChol"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for different levels of physical activity*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["PhysActivity"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["PhysActivity"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for eating vegetables or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["Veggies"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["Veggies"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for eating fruits or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["Fruits"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["Fruits"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of BMI for having heart disease or not*

rp.ttest(group1= df["BMI"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["BMI"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of income level for having heart disease or not*

rp.ttest(group1= df["Income"][df["HeartDiseaseorAttack"] == 0], group1\_name= "0",

        group2= df["Income"][df["HeartDiseaseorAttack"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for different levels of alcohol consumption*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["HvyAlcoholConsump"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["HvyAlcoholConsump"] == 1], group2\_name= "1")

Table

Description automatically generated

*# %%*

*# ttest of heart disease for having high blood pressure or not*

rp.ttest(group1= df["HeartDiseaseorAttack"][df["HighBP"] == 0], group1\_name= "0",

        group2= df["HeartDiseaseorAttack"][df["HighBP"] == 1], group2\_name= "1")

Table

Description automatically generated