

```
In [5]: from autoviz.AutoViz_Class import AutoViz_Class
```

```
In [3]: AV = AutoViz_Class()
dft = AV.AutoViz(
    "train_clean_2.csv",
    ",",
    "y",
    header=0,
    verbose=0,
    lowess=False,
    chart_format="svg",
    max_rows_analyzed=1500000,
    max_cols_analyzed=300,
)
```

Shape of your Data Set: (977, 13)

Classifying variables in data set...

12 Predictors classified...

This does not include the Target column(s)

2 variables removed since they were ID or low-information variables

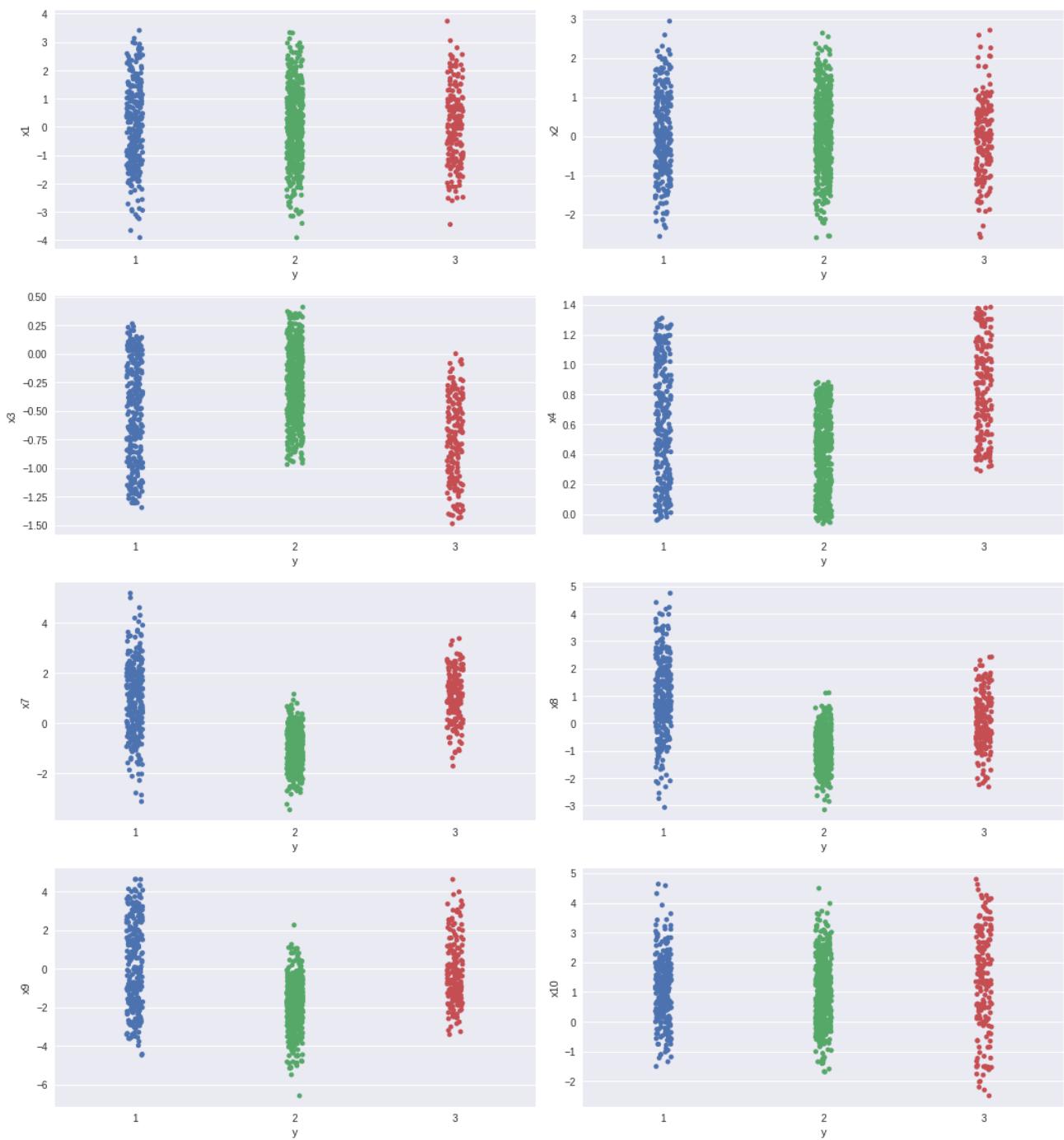
Total Number of Scatter Plots = 36

Could not draw Pivot Charts against Dependent Variable

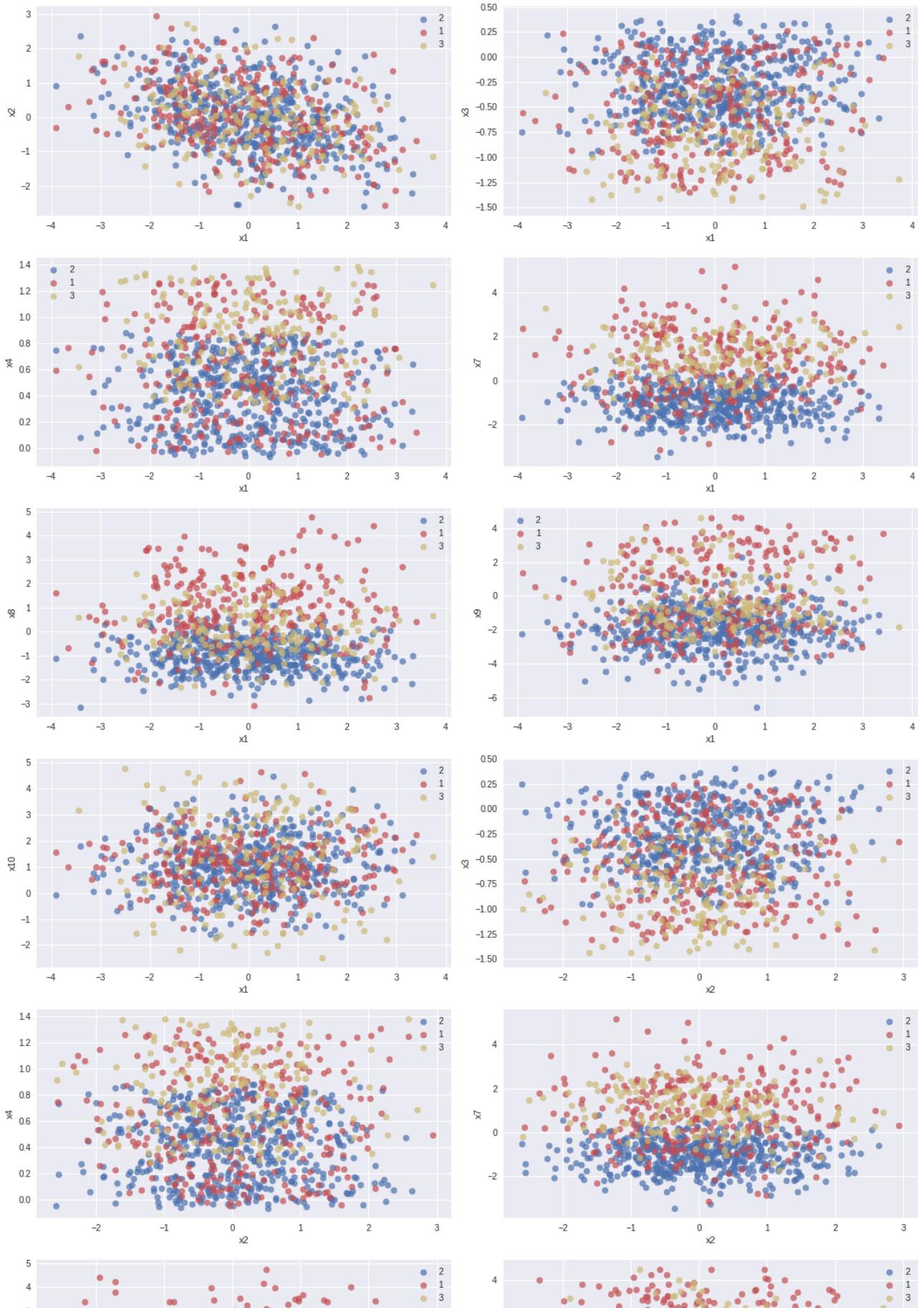
All plots done

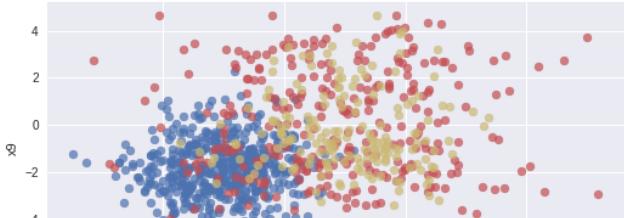
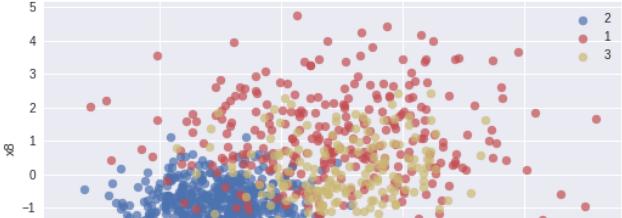
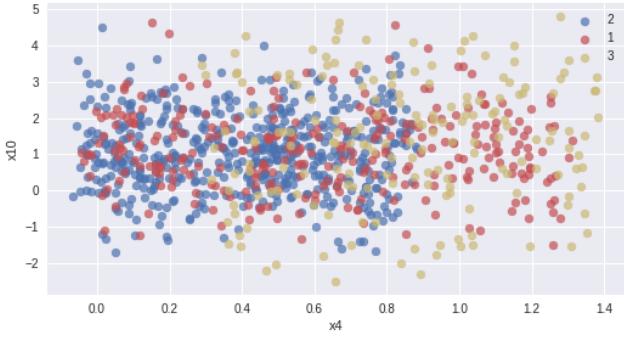
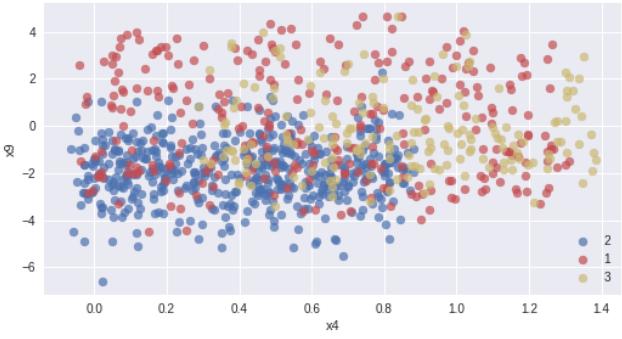
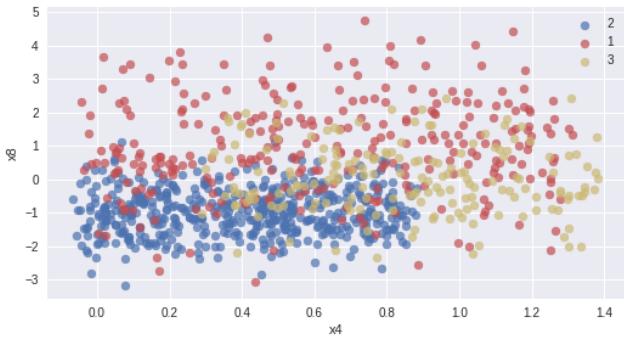
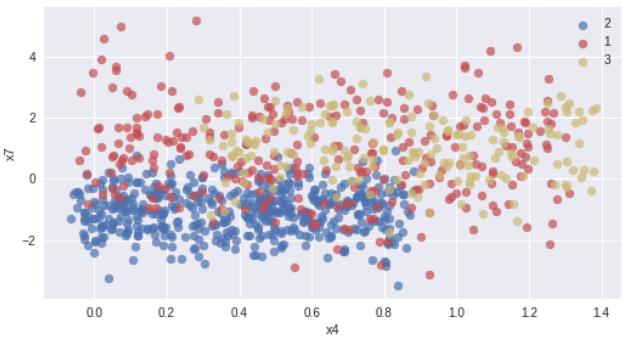
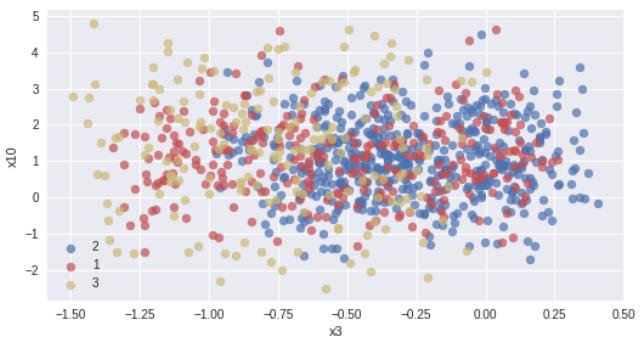
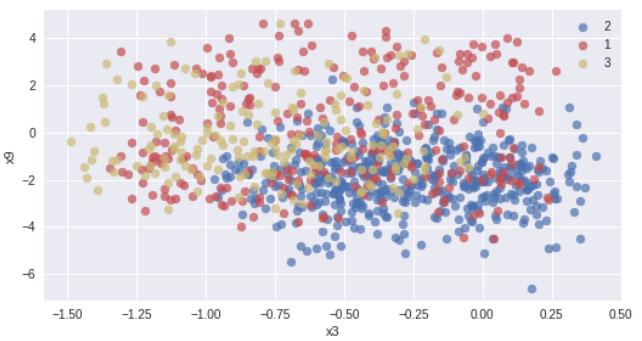
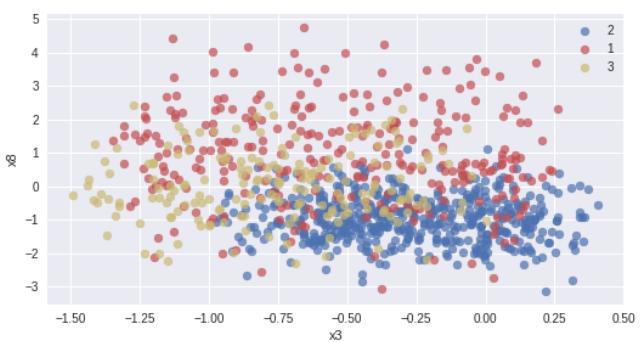
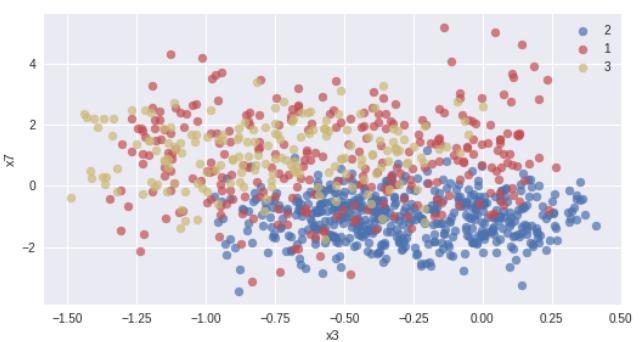
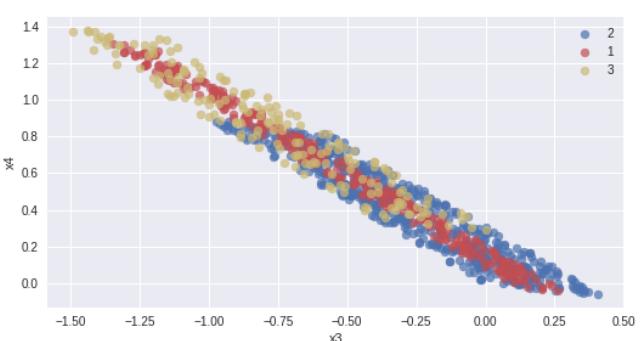
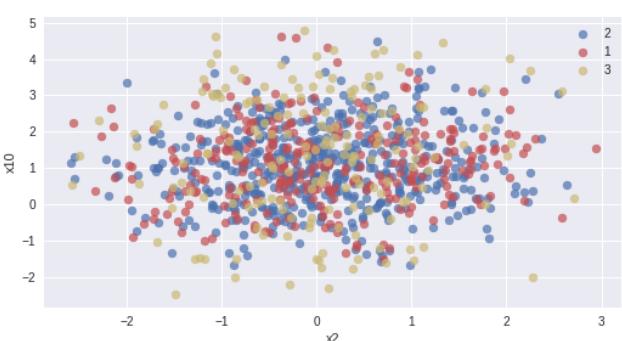
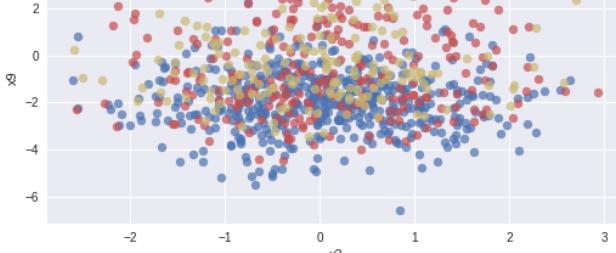
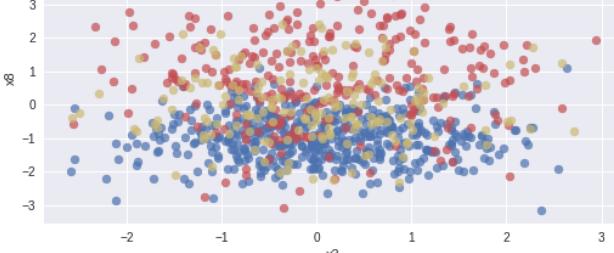
Time to run AutoViz (in seconds) = 12.561

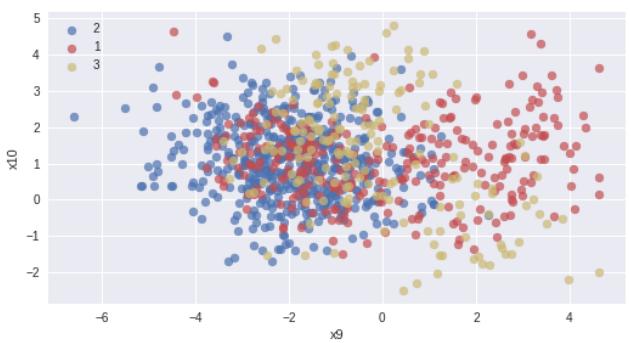
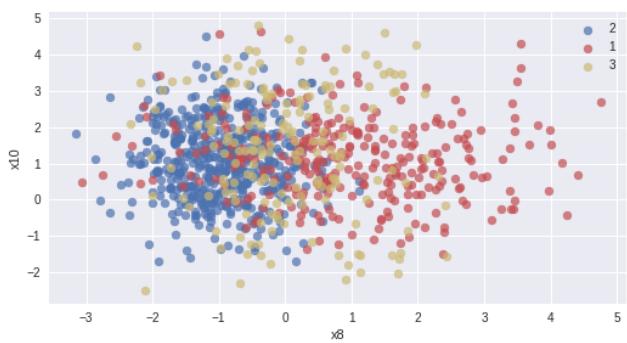
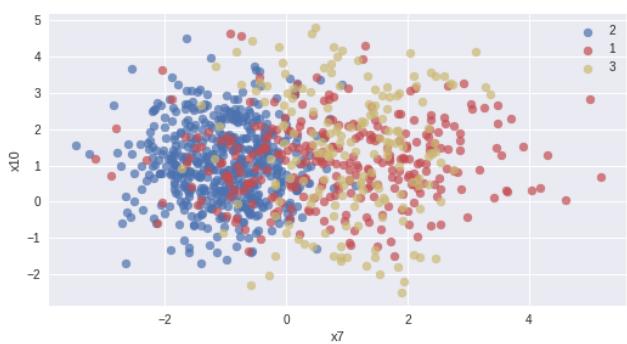
Scatter Plot of Continuous Variable vs Target (jitter=0.05)



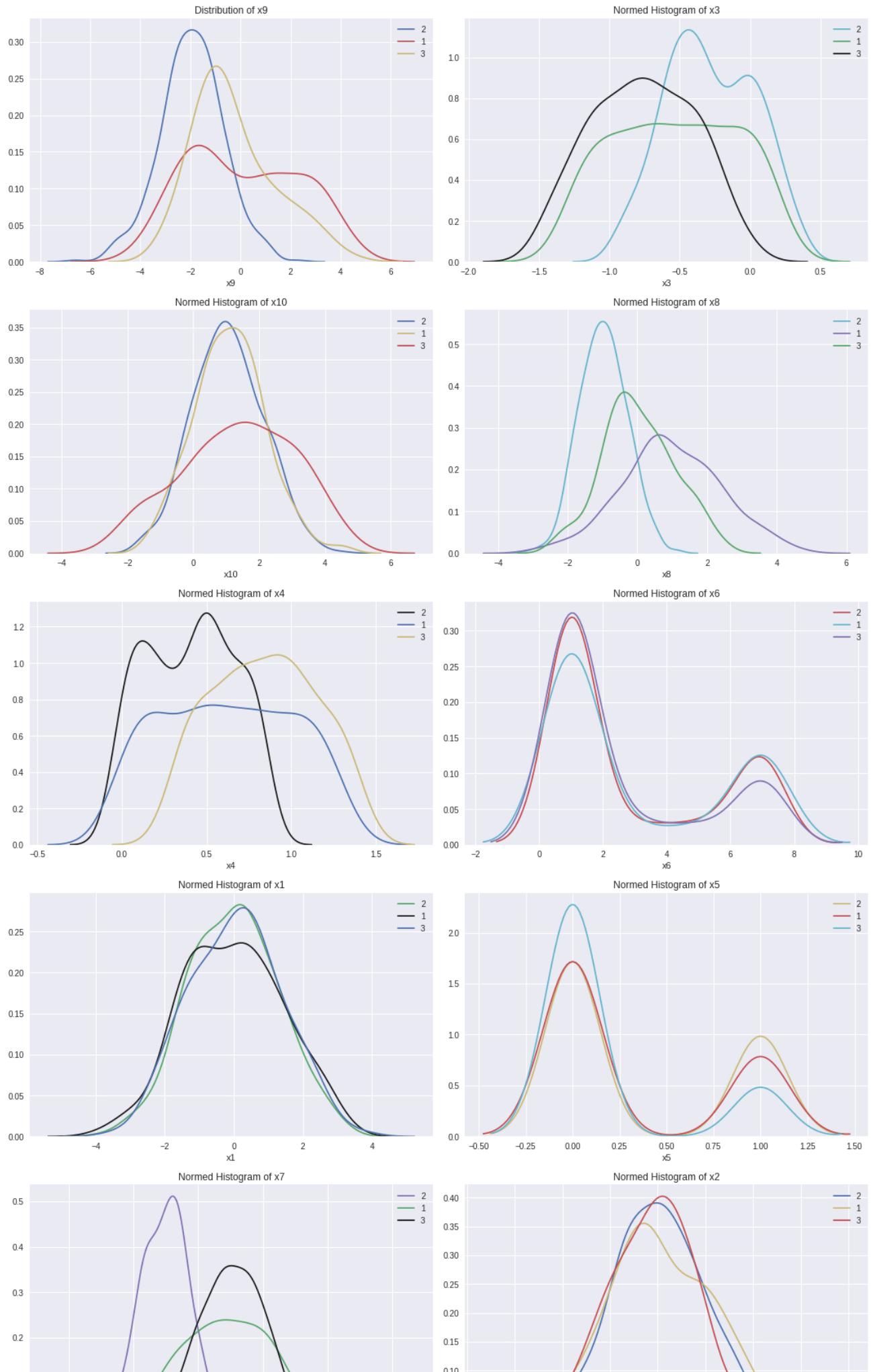
Scatter Plot of each Continuous Variable against Target Variable

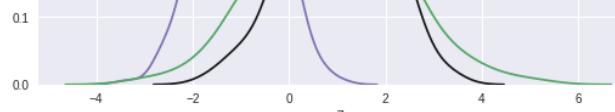




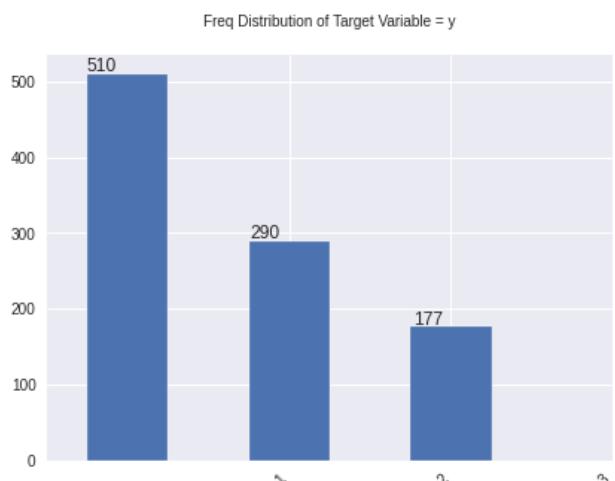


Histograms (KDE plots) of all Continuous Variables

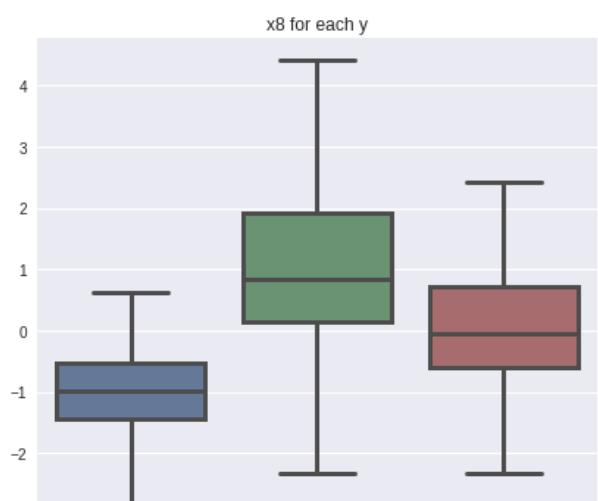
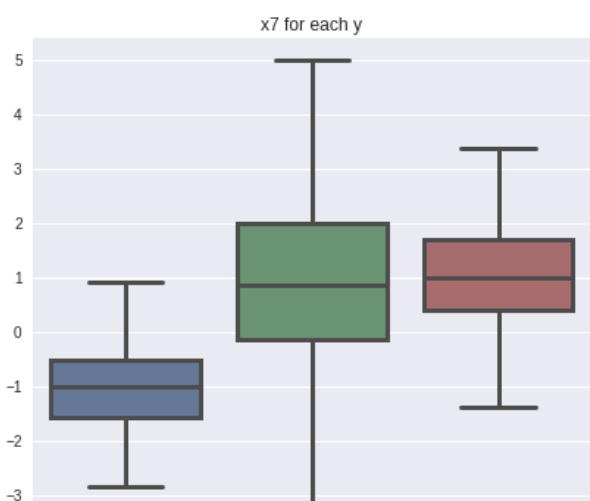
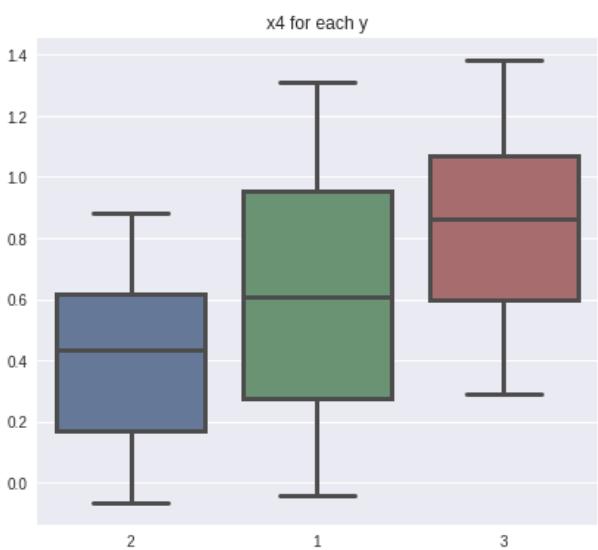
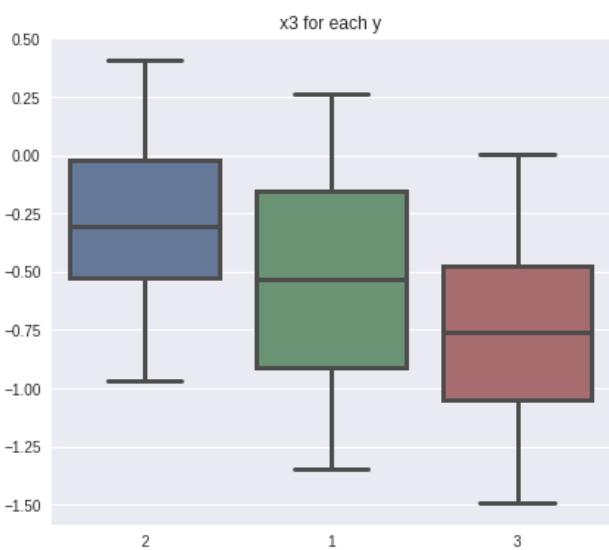
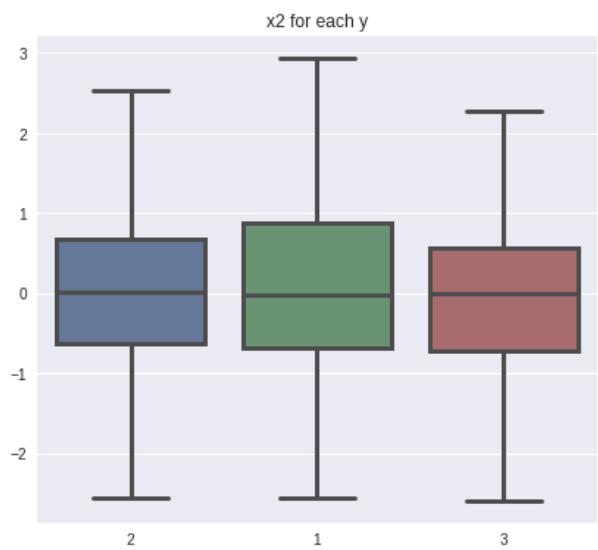
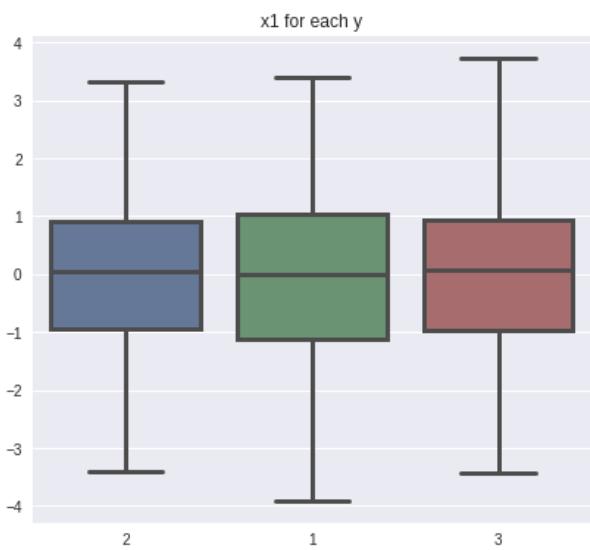


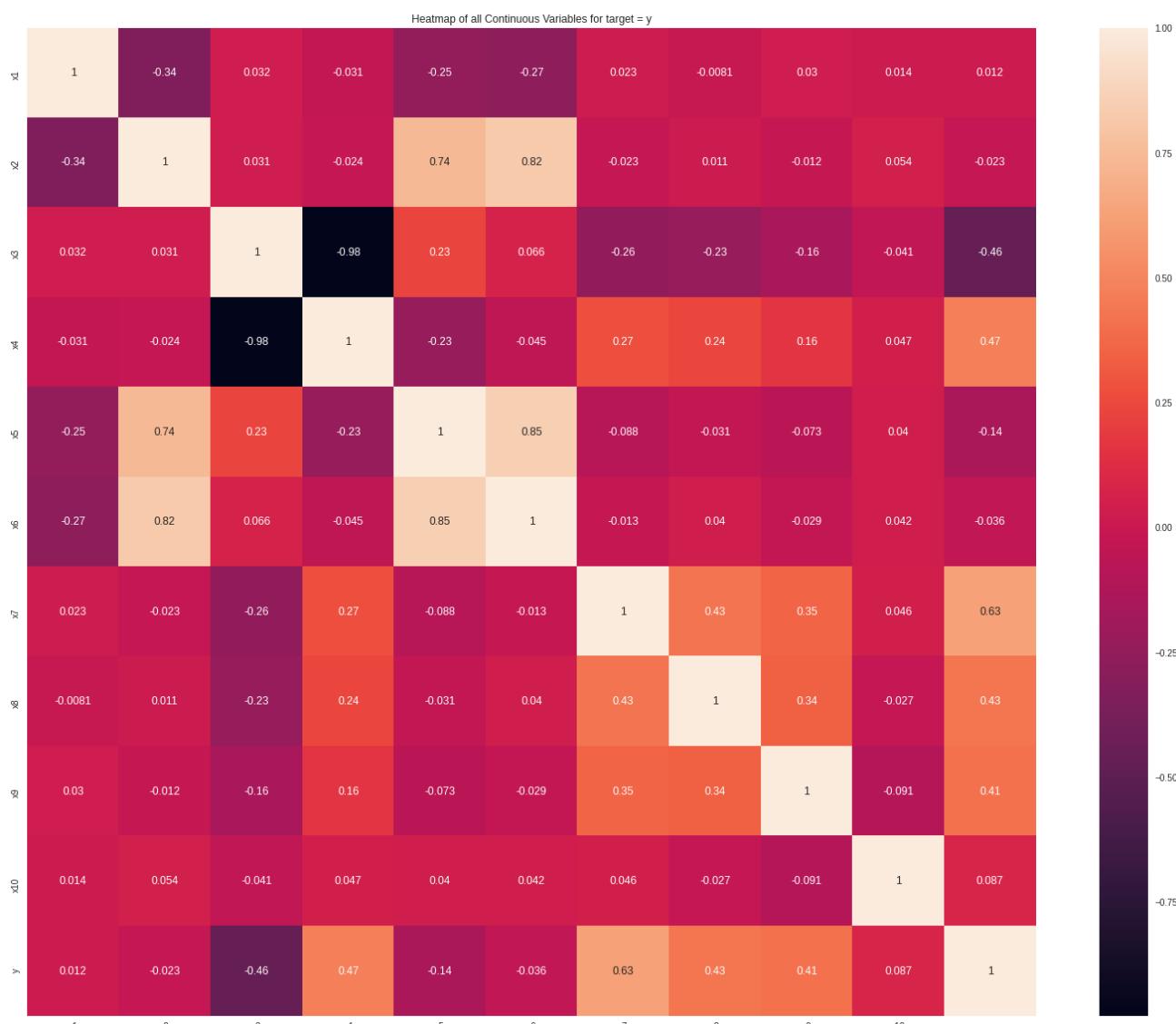
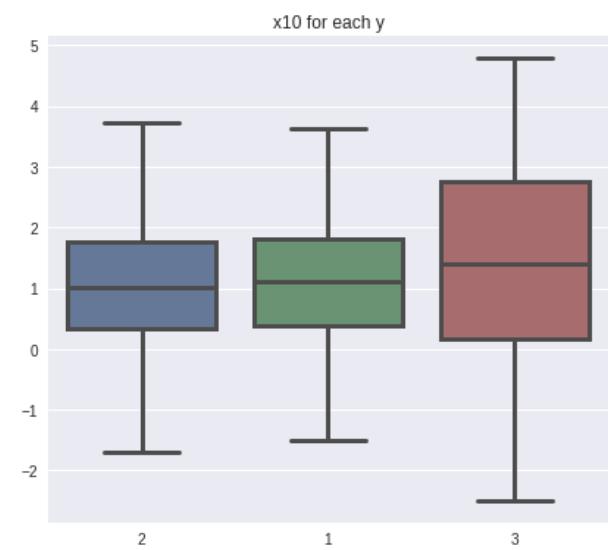
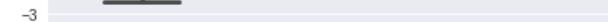
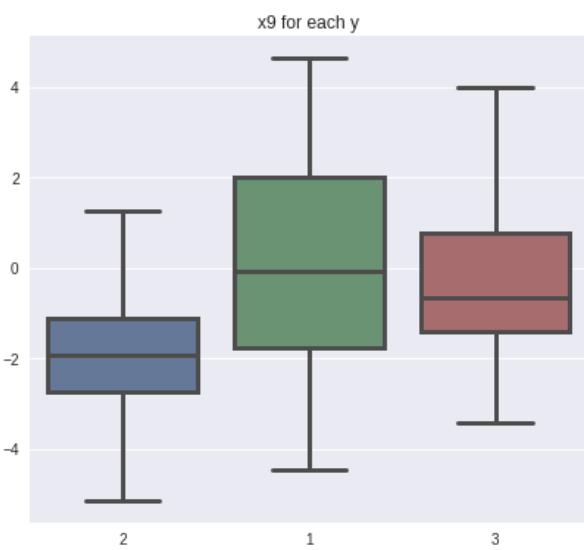
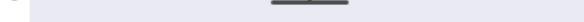


y : Distribution of Target Variable

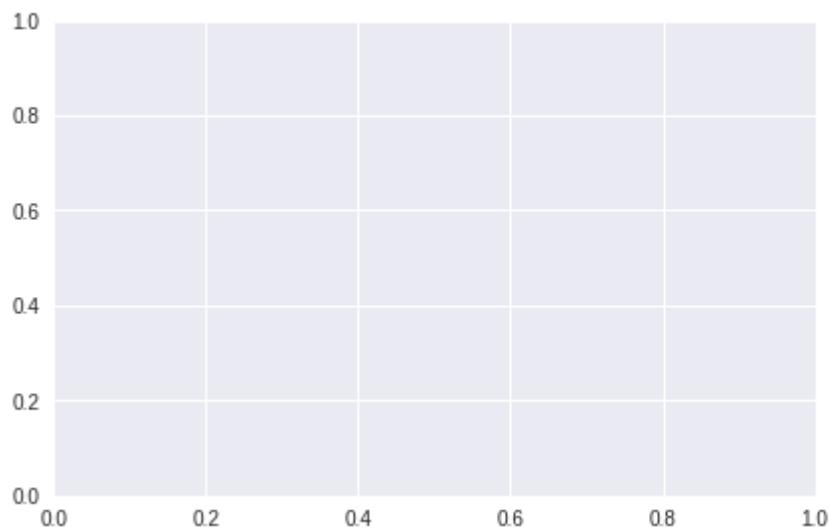


Box Plots without Outliers shown

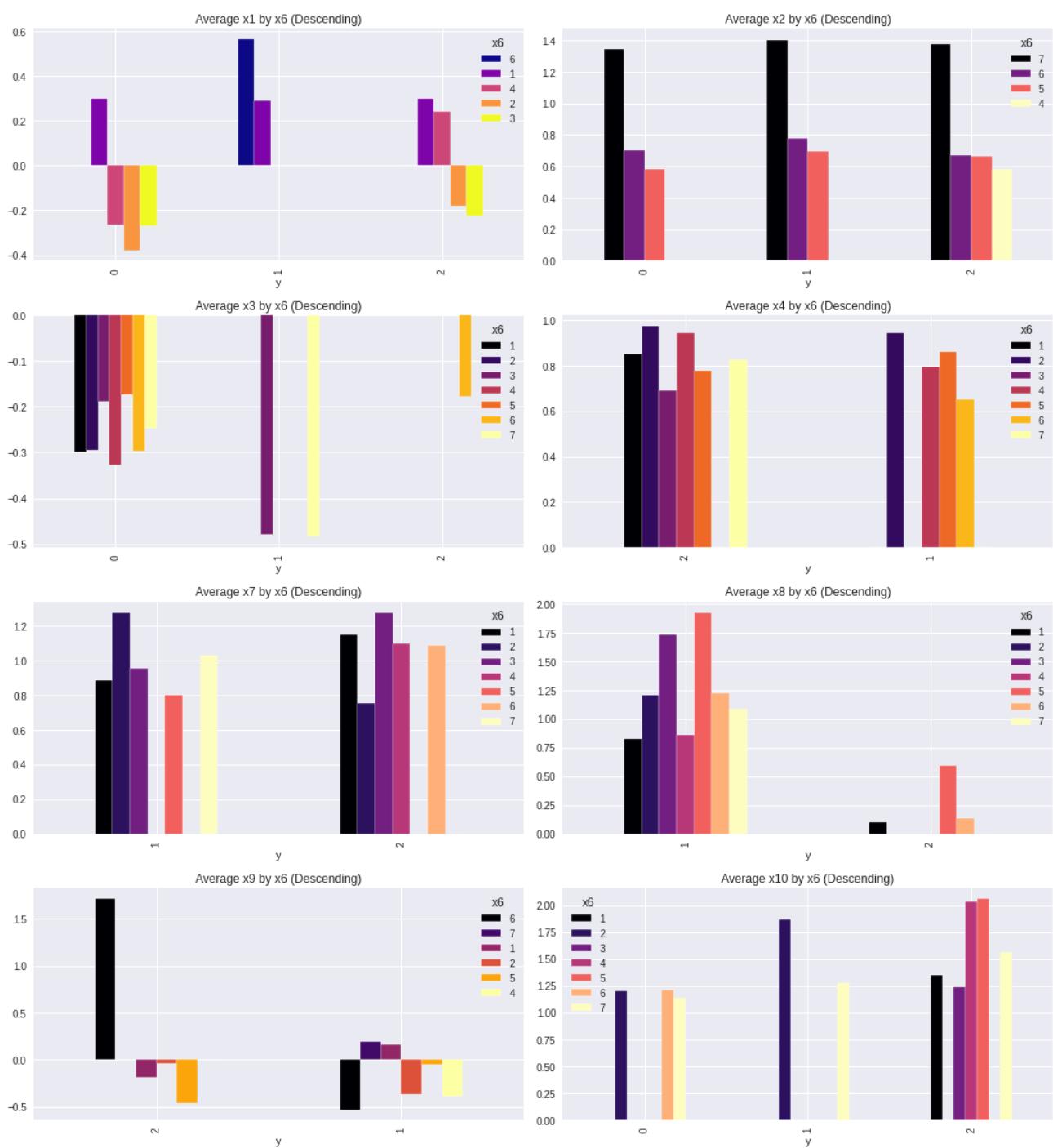




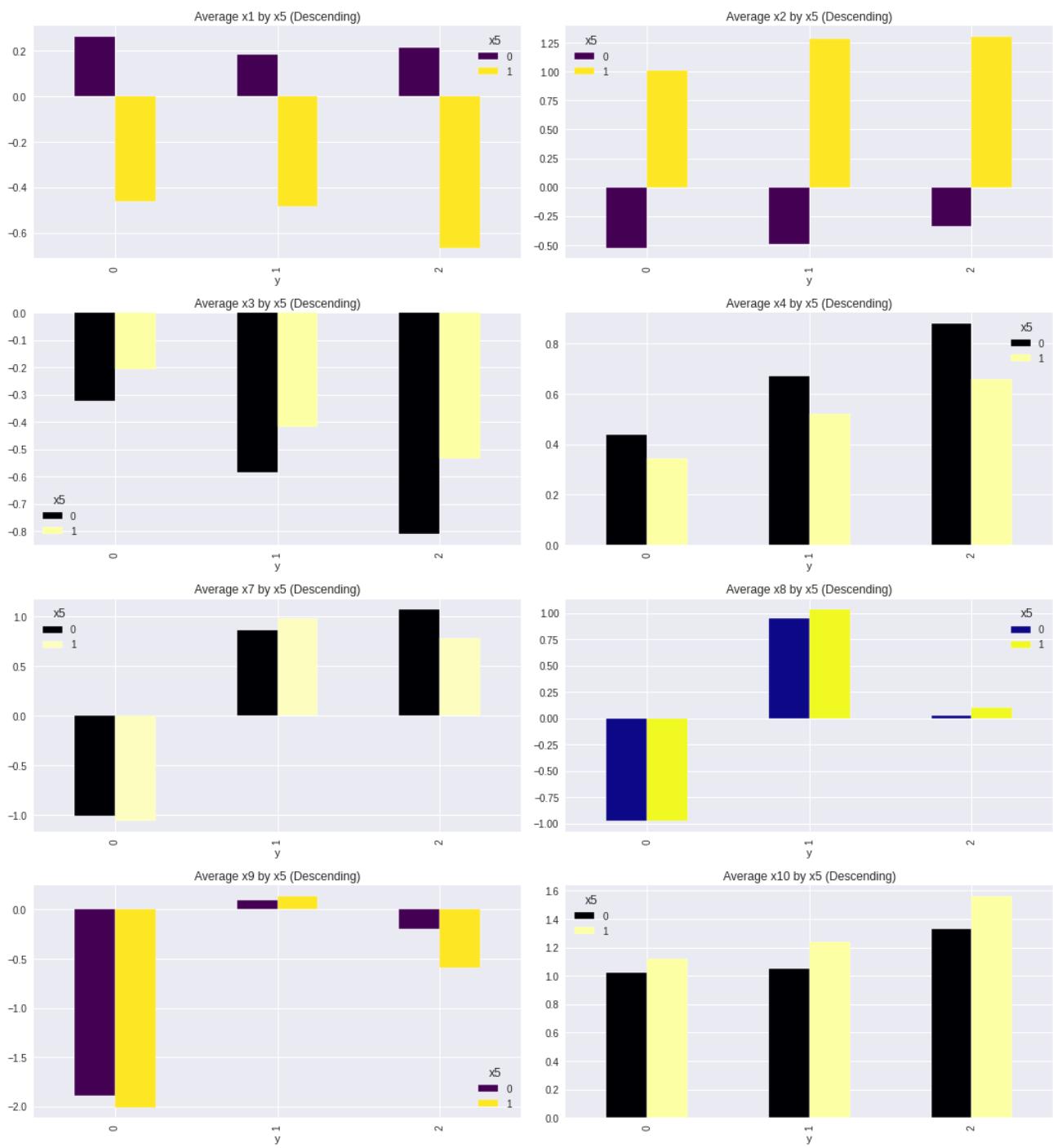
Plots of each Continuous Var by y



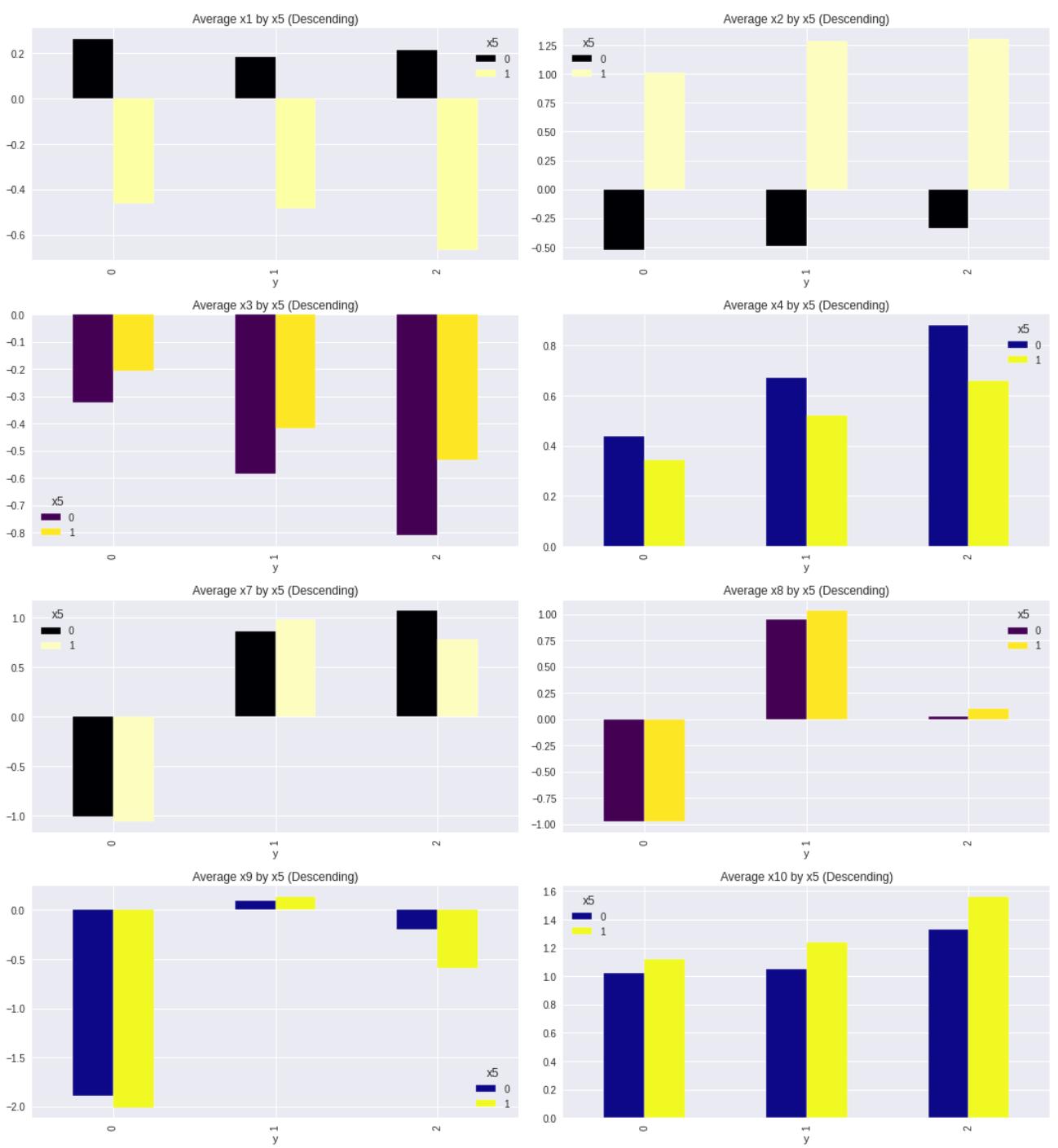
Bar Plots of Continuous Variables by x6



Bar Plots of Continuous Variables by x5



Bar Plots of Continuous Variables by x5



```
In [4]: AV = AutoViz_Class()
dft = AV.AutoViz(
    "eval.csv",
    ",",
    #      "y",
    header=0,
    verbose=0,
    lowess=False,
    chart_format="svg",
    max_rows_analyzed=1500000,
    max_cols_analyzed=300,
)
```

Shape of your Data Set: (10000, 11)

Classifying variables in data set...

11 Predictors classified...

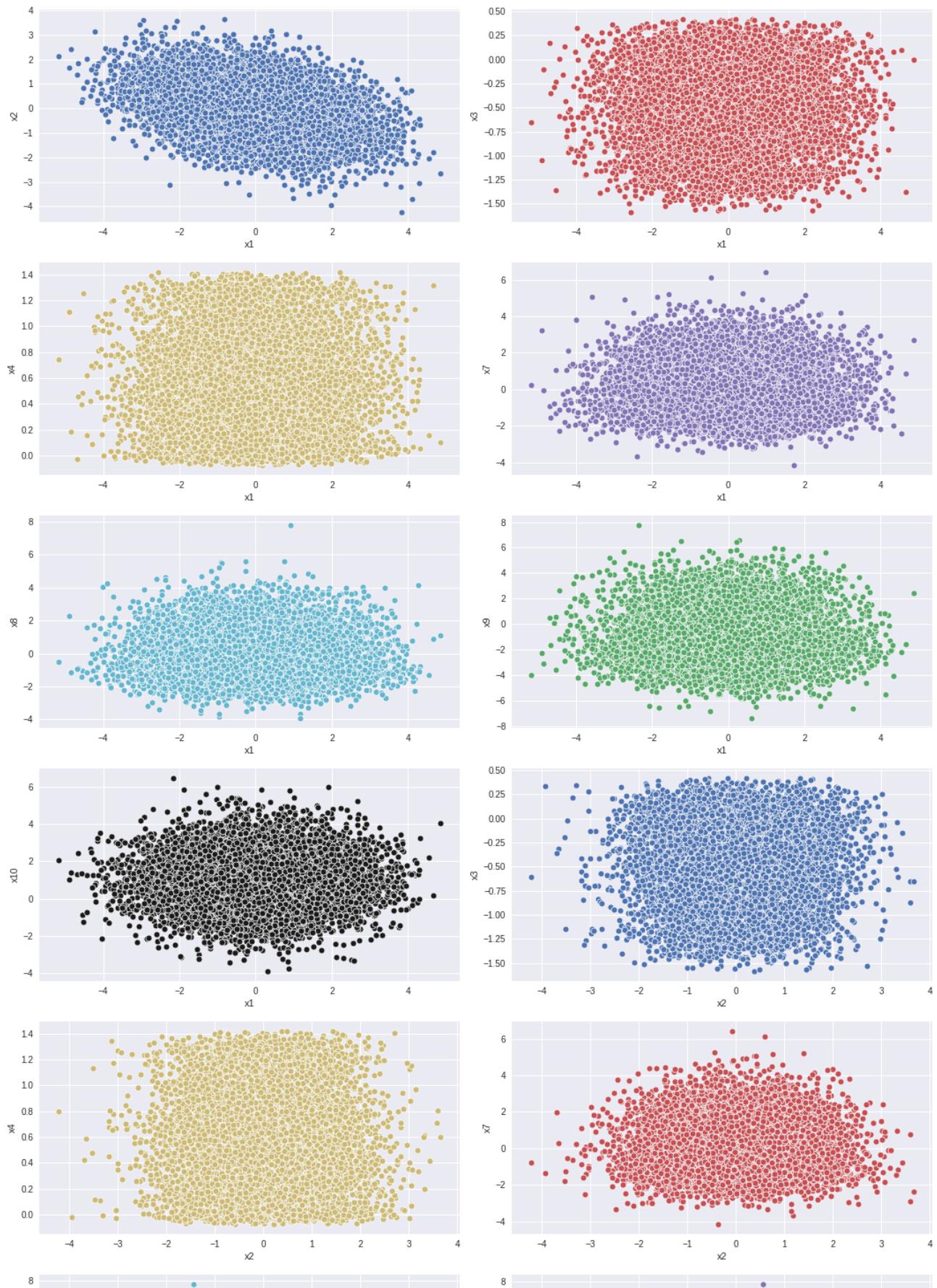
This does not include the Target column(s)

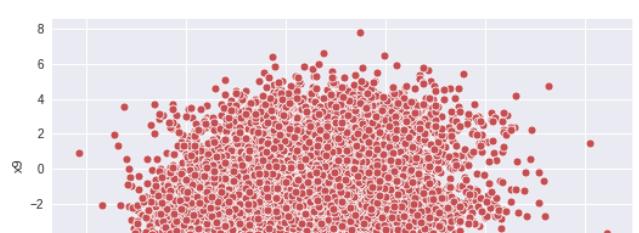
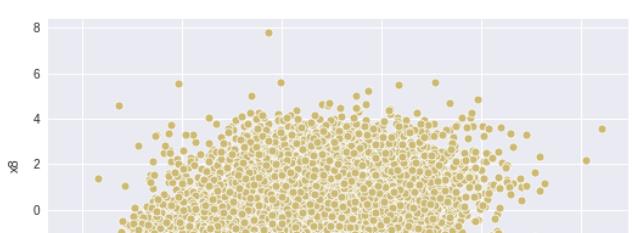
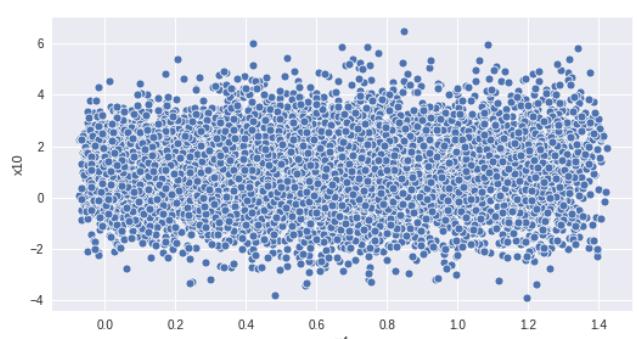
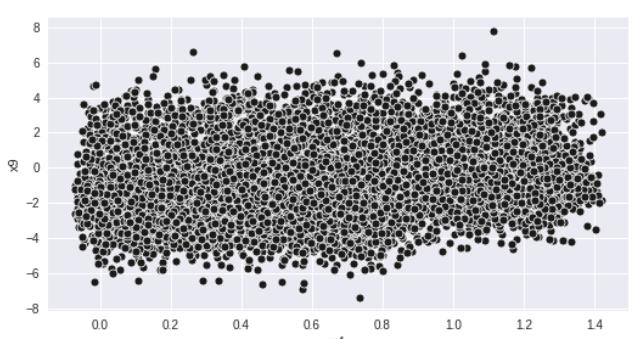
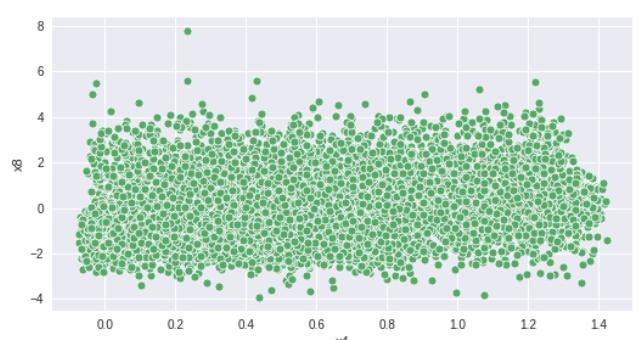
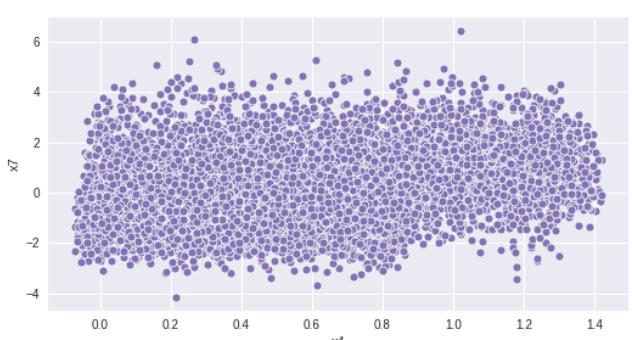
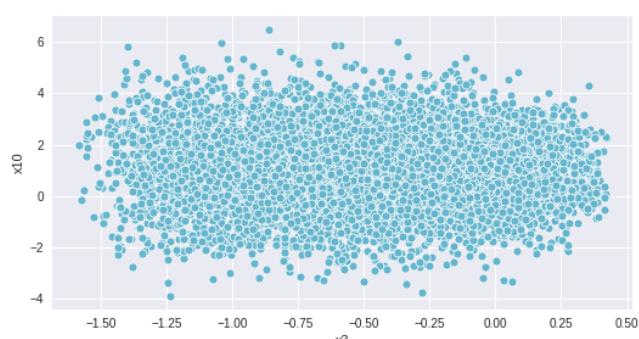
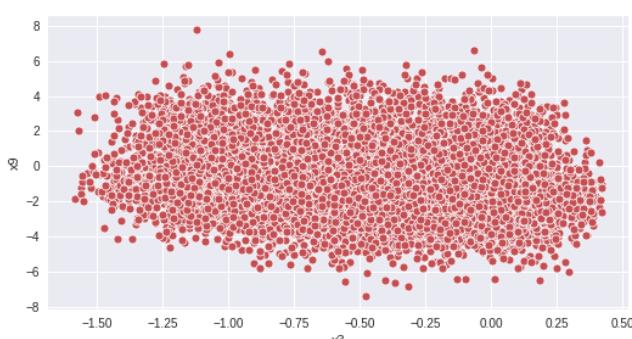
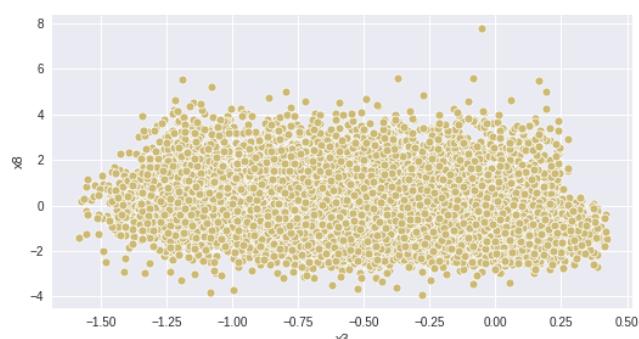
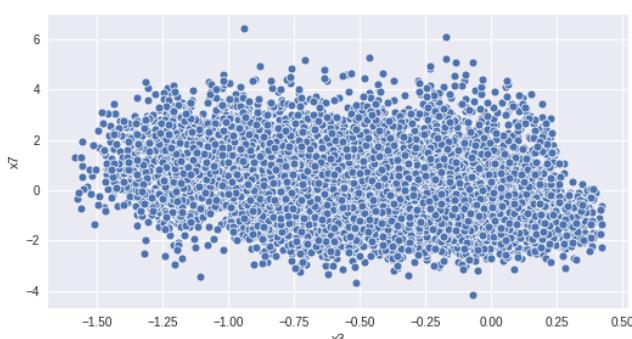
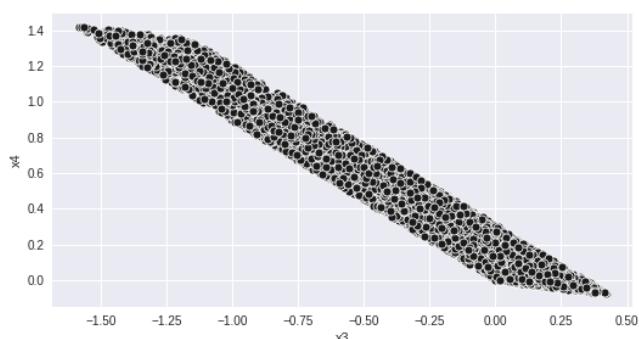
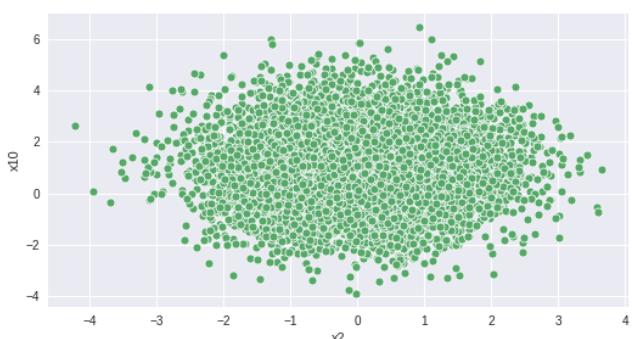
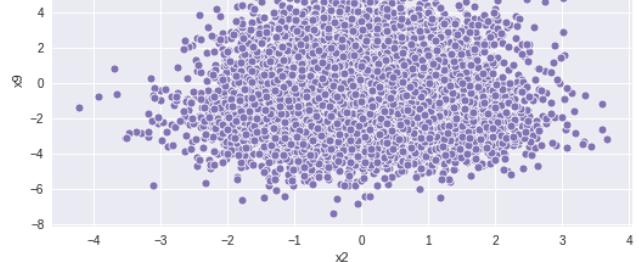
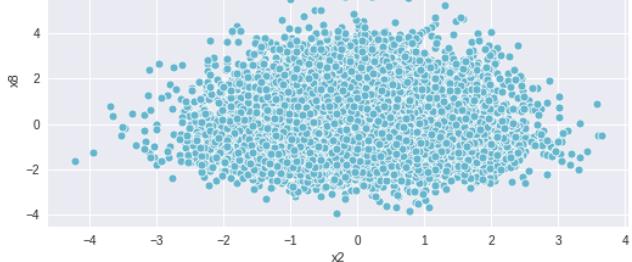
1 variables removed since they were ID or low-information variables

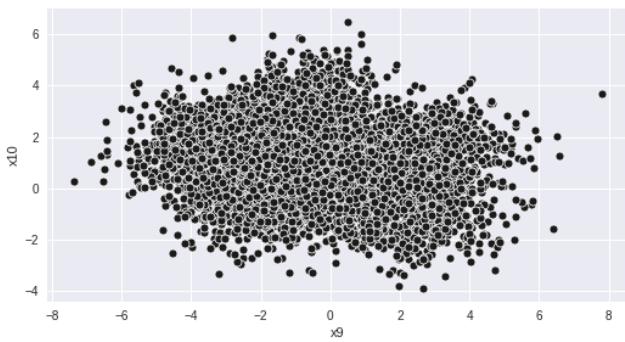
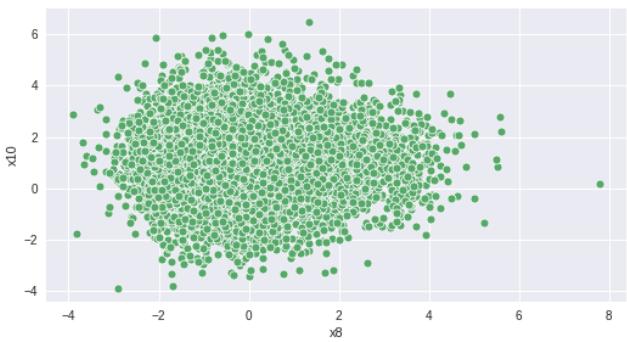
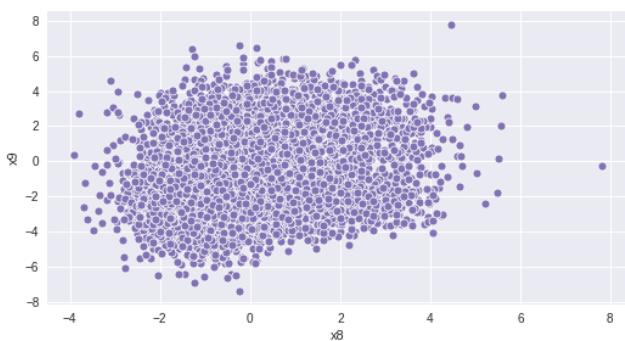
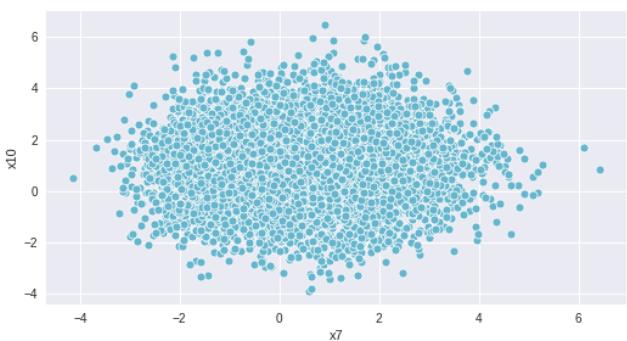
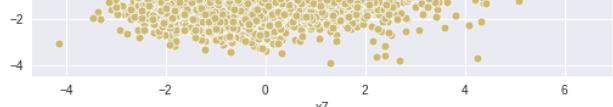
Number of All Scatter Plots = 36

Time to run AutoViz (in seconds) = 8.741

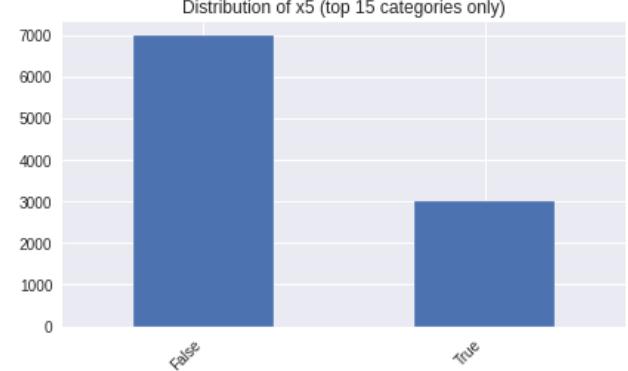
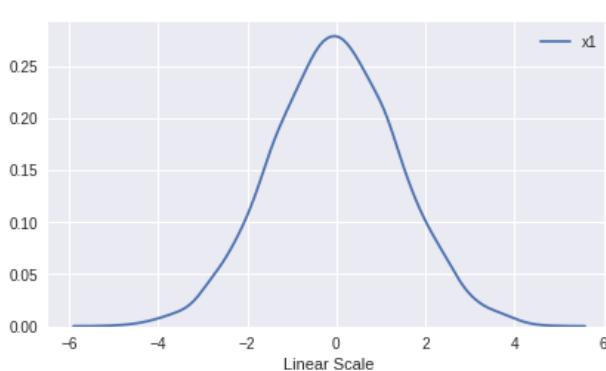
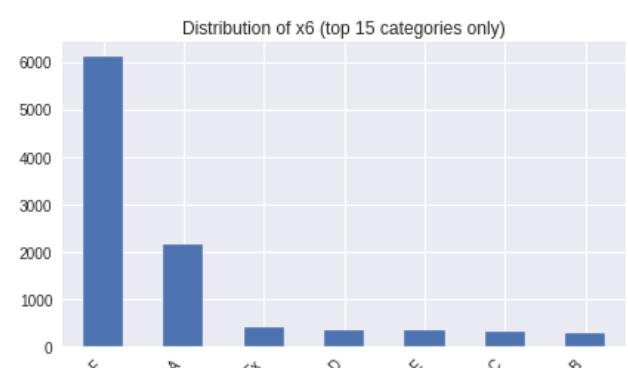
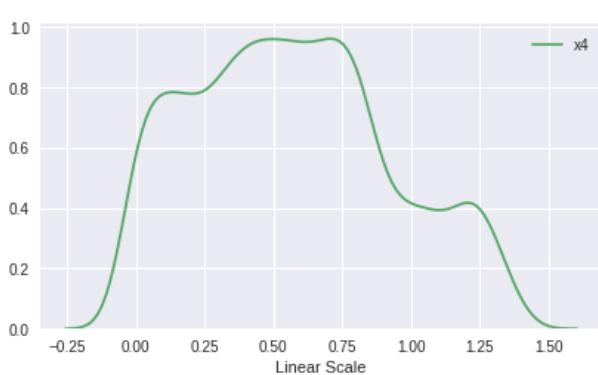
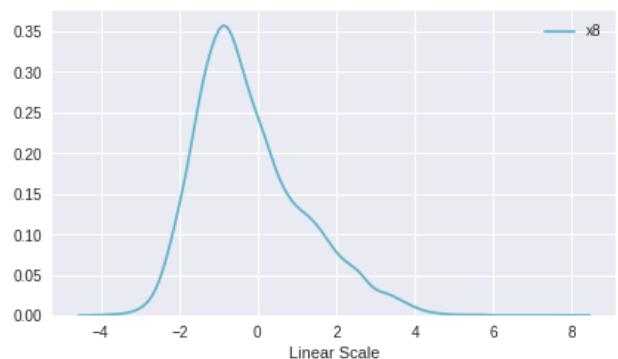
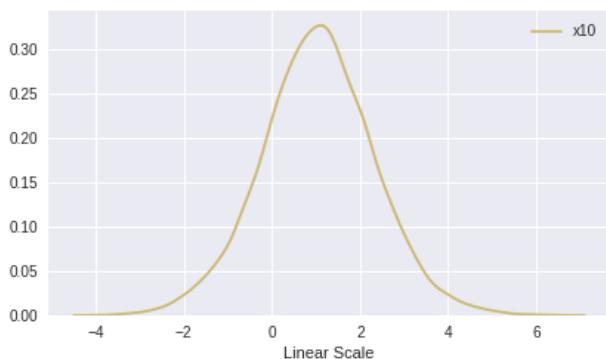
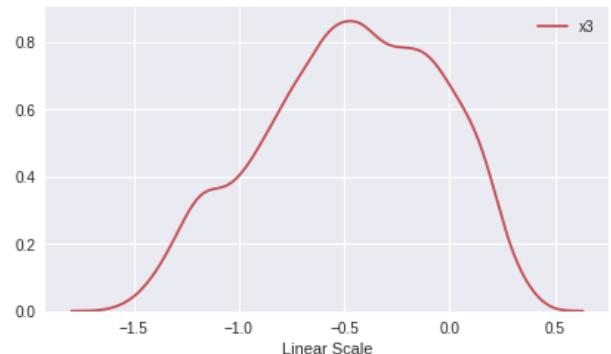
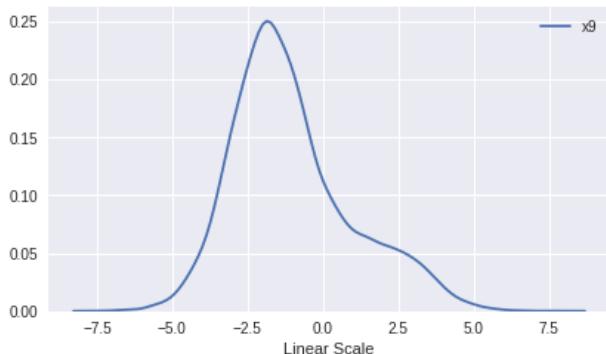
Pair-wise Scatter Plot of all Continuous Variables

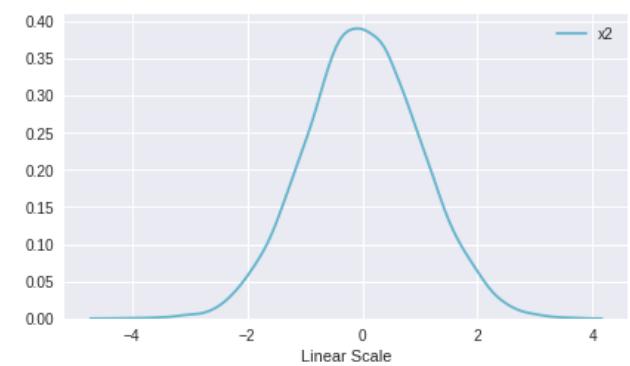
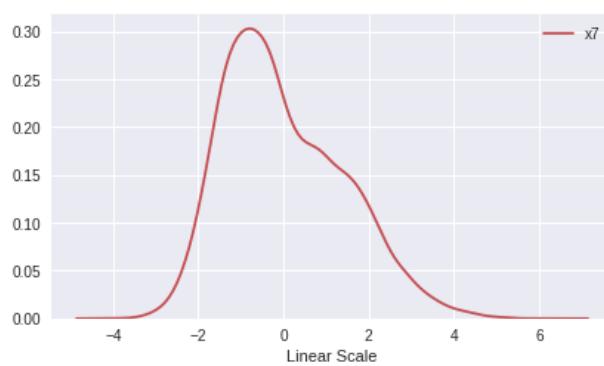






Histograms (KDE plots) of all Continuous Variables





Violin Plot of all Continuous Variables

