Data Visualization

Lab 8

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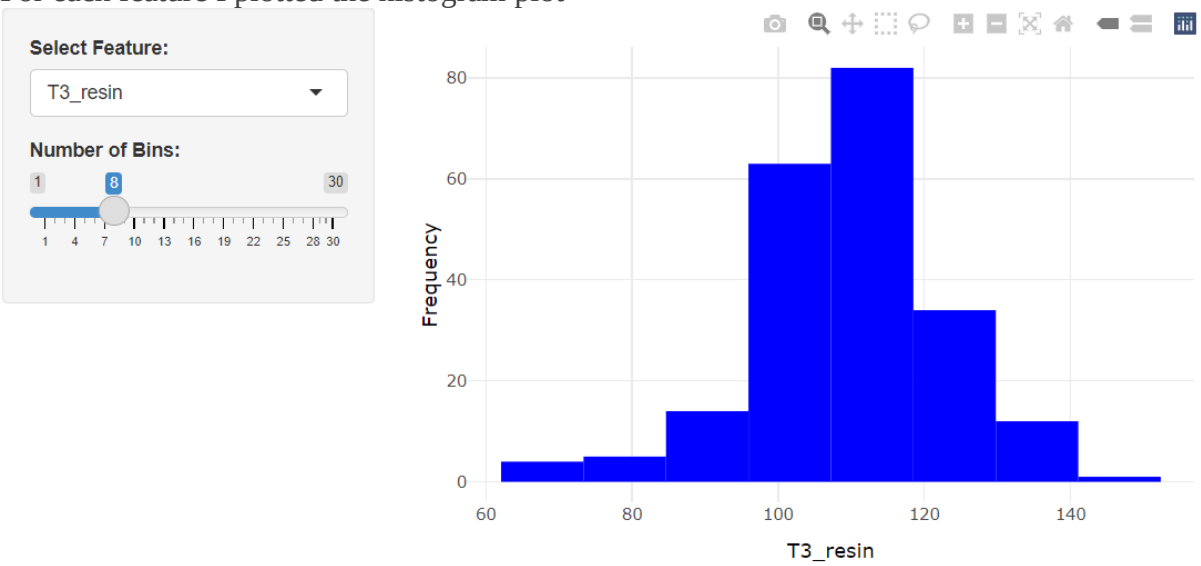
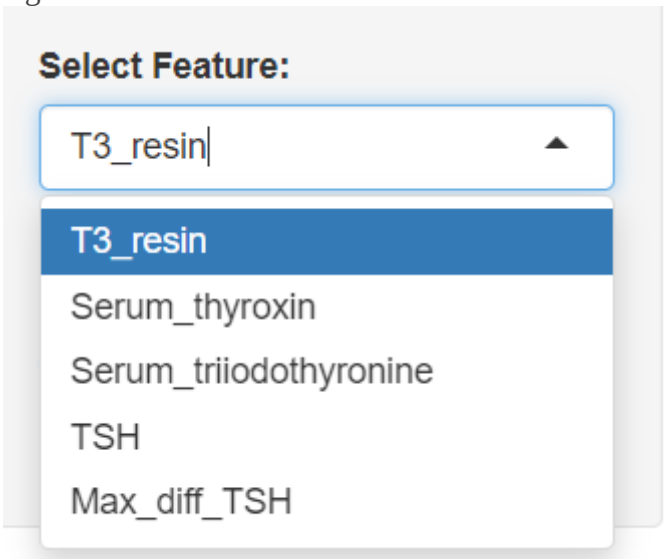
Histogram Plot:

For each feature I plotted the histogram plot

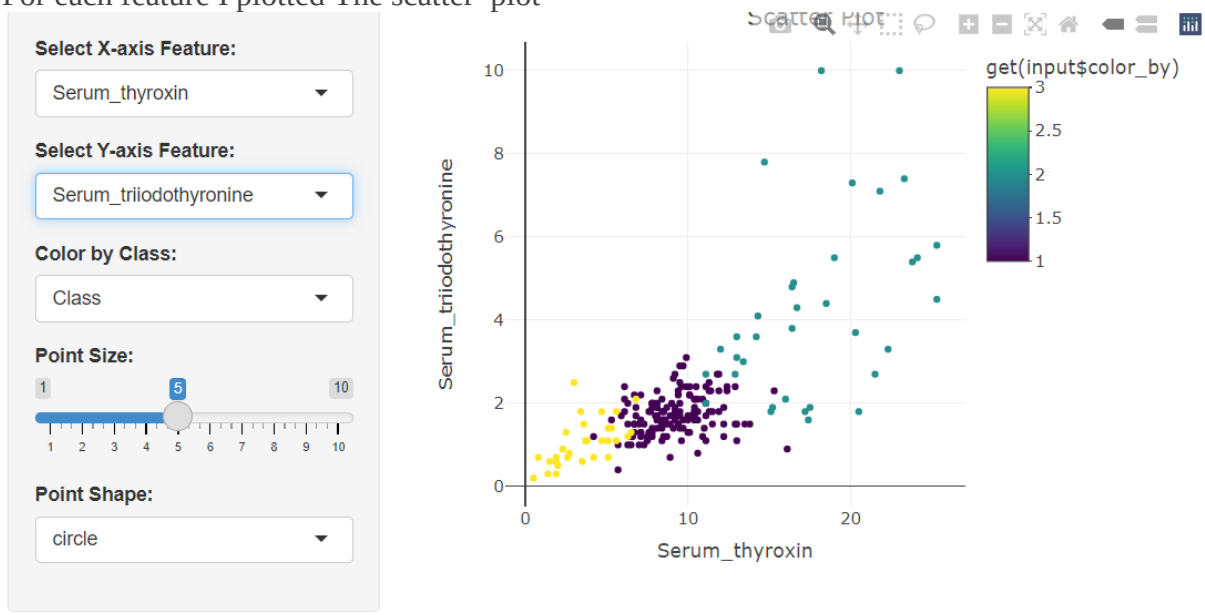


Can visualize the histogram for different features

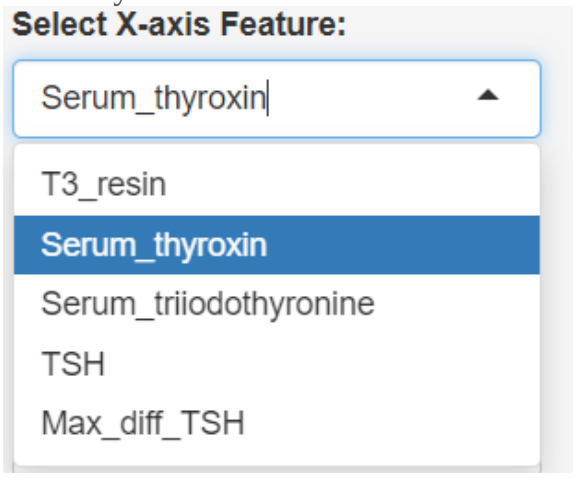


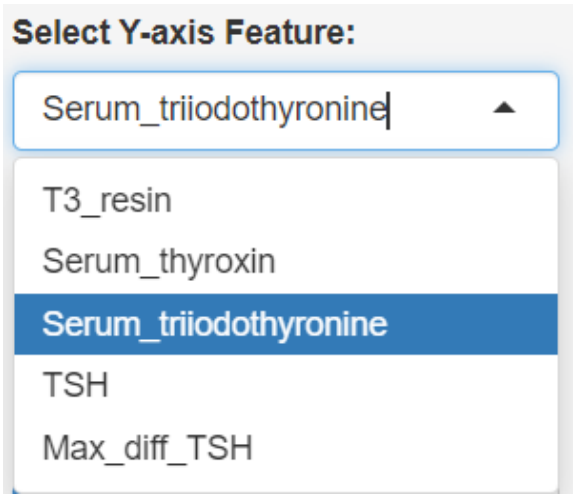
Scatter Plot:

For each feature I plotted The scatter plot

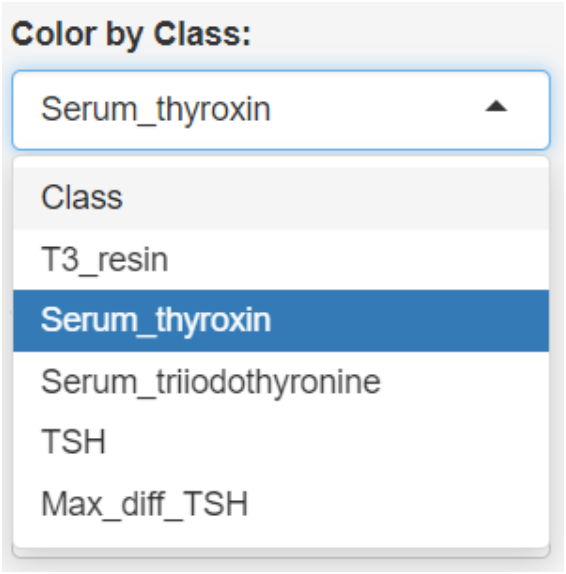


Can visualize according to x and y axis features.

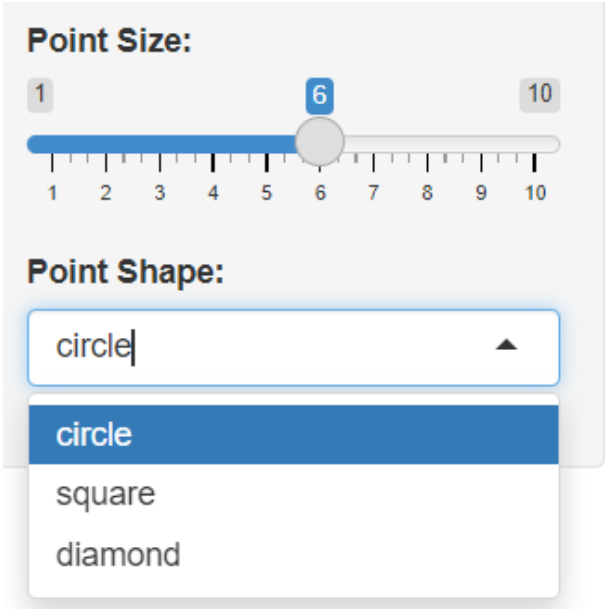




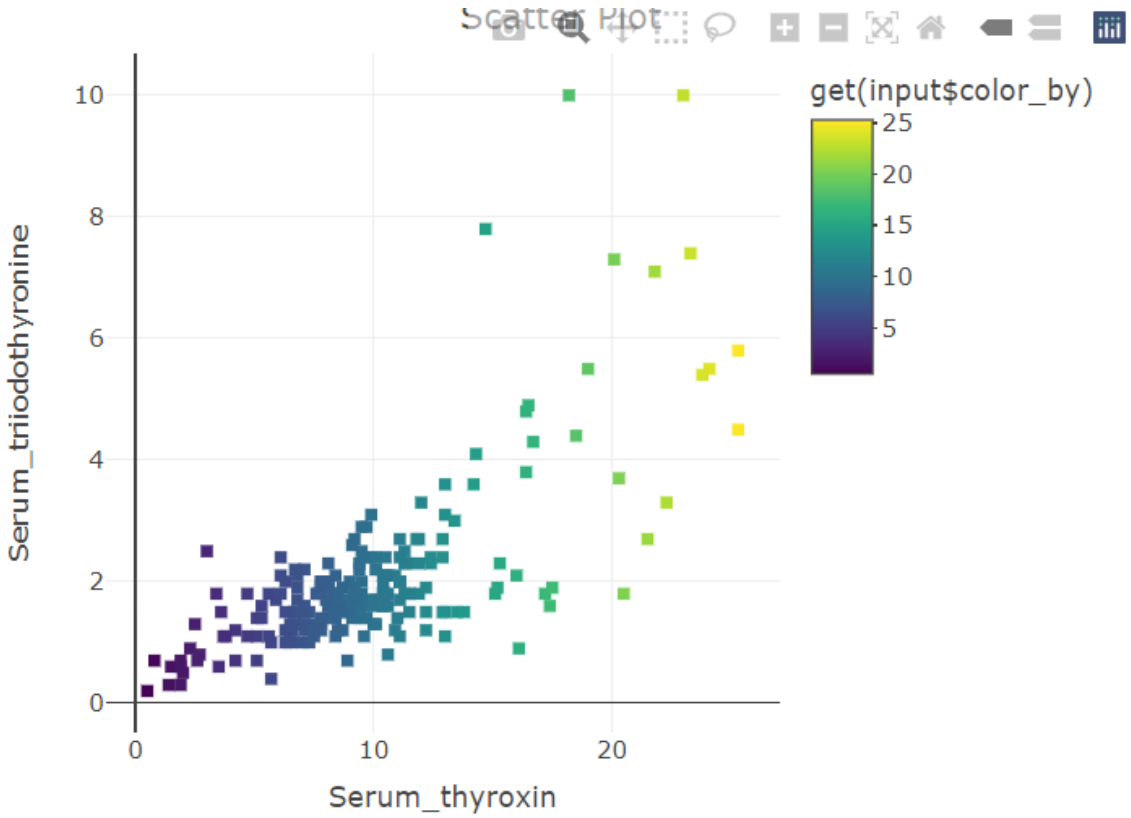
Also, by color by class

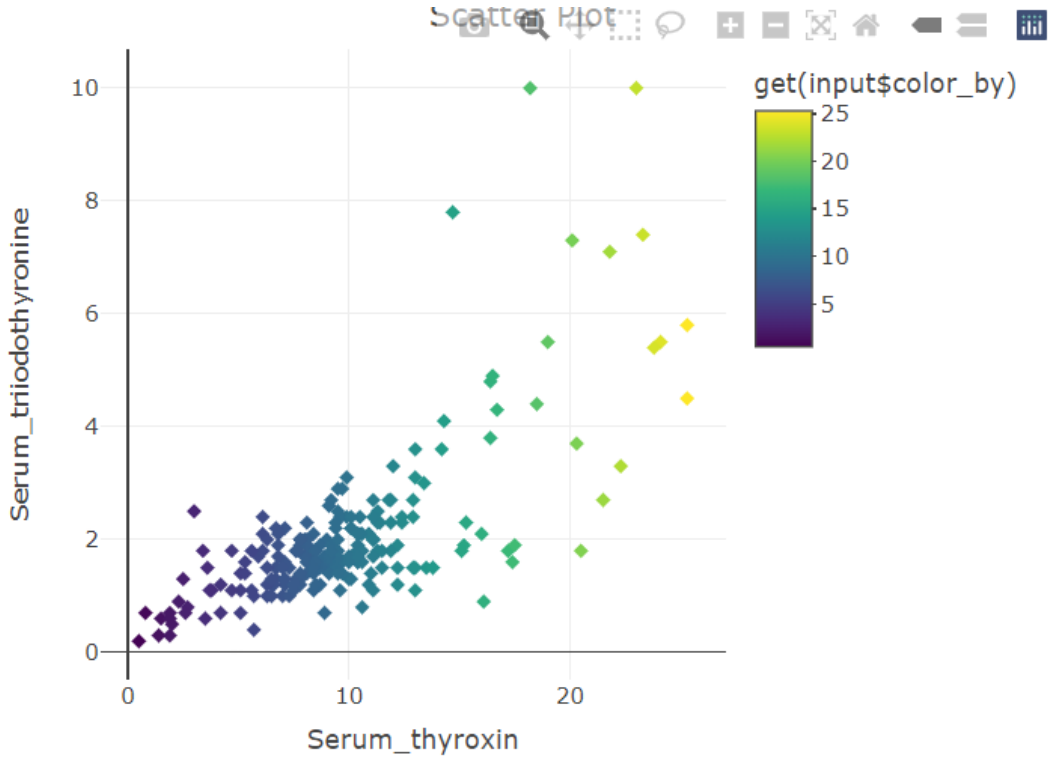


Also can visualize the scatter plot by changing the scatter point size and shape.



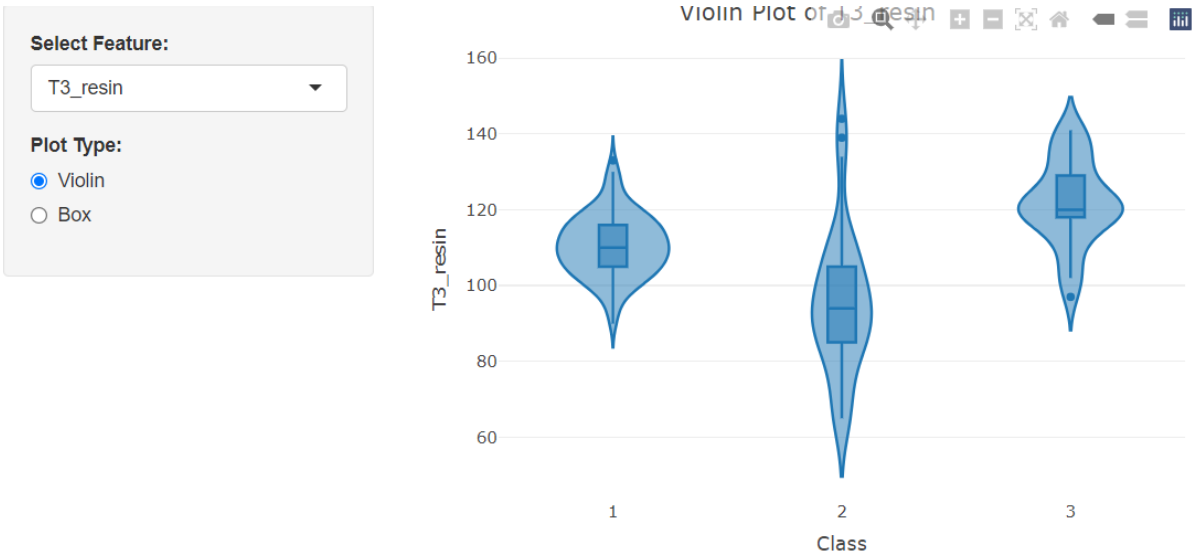
Here are two plots with different point size and different point shapes (Square and Diamond)

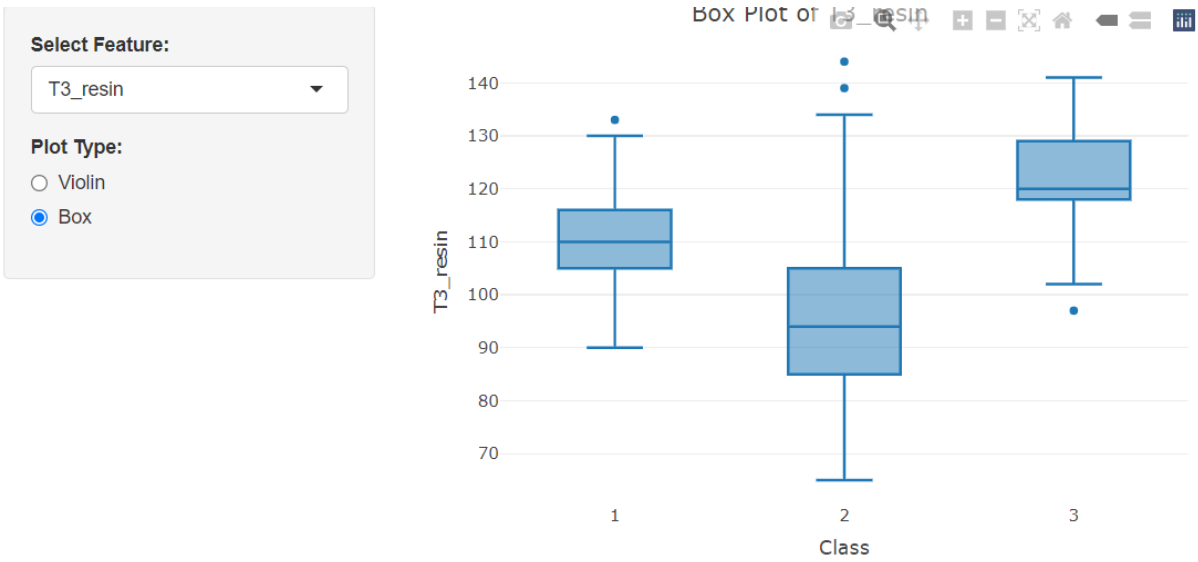




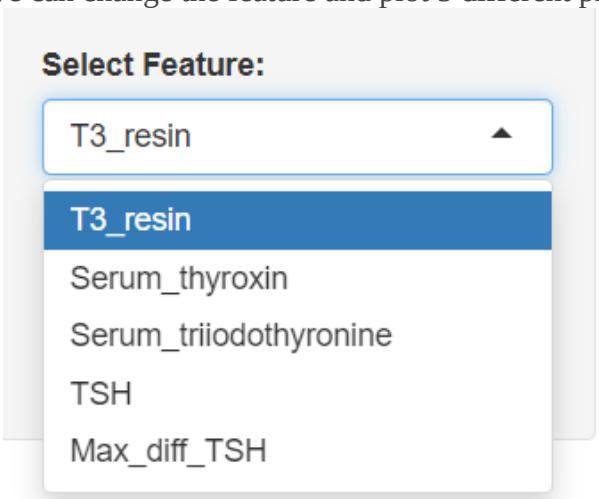
Violin Plot:

For each feature I plotted both violin as well as box plot
T3_resin feature violin and box plot





In the similar manner we can change the feature and plot 5 different plots



Also we can change box or violin plot accordingly

Plot Type:

- (•) Violin
- ( ) Box
