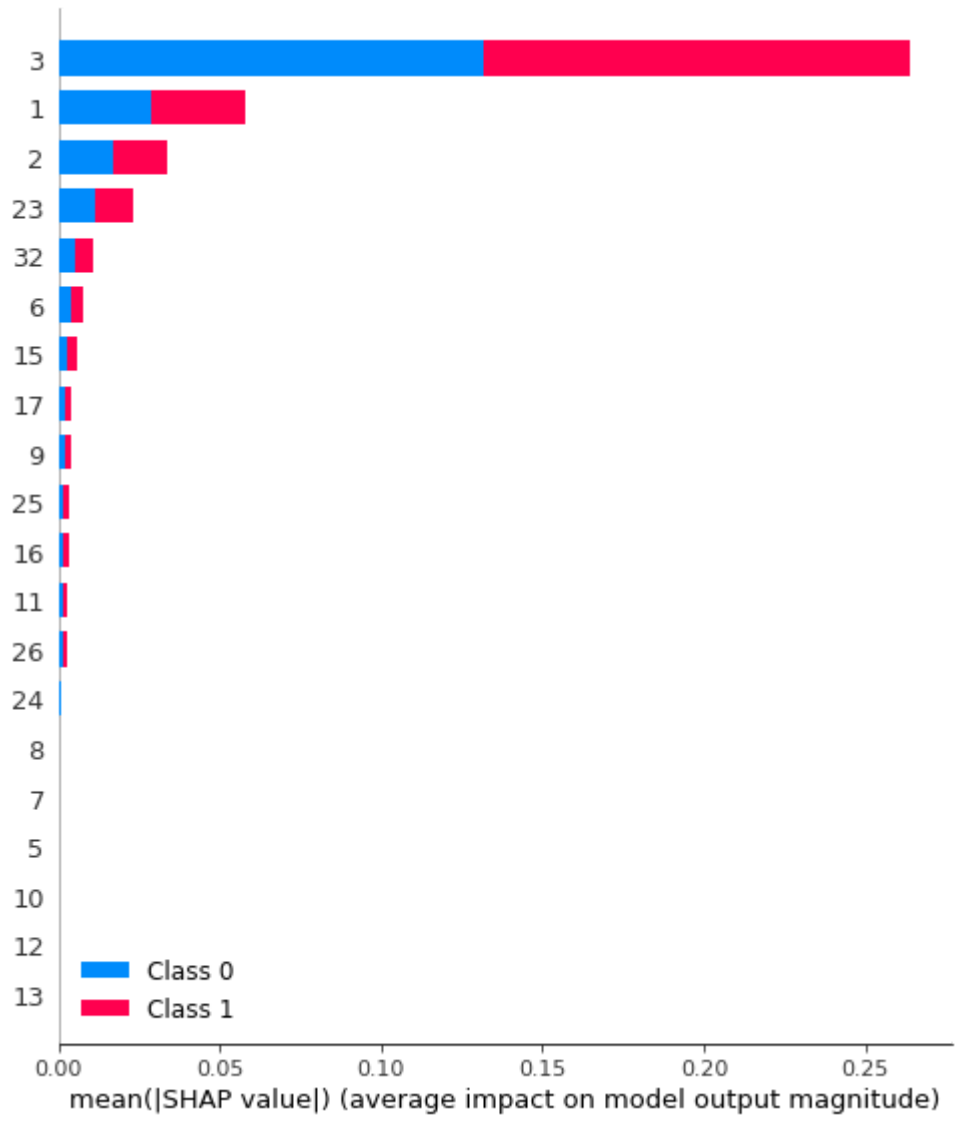
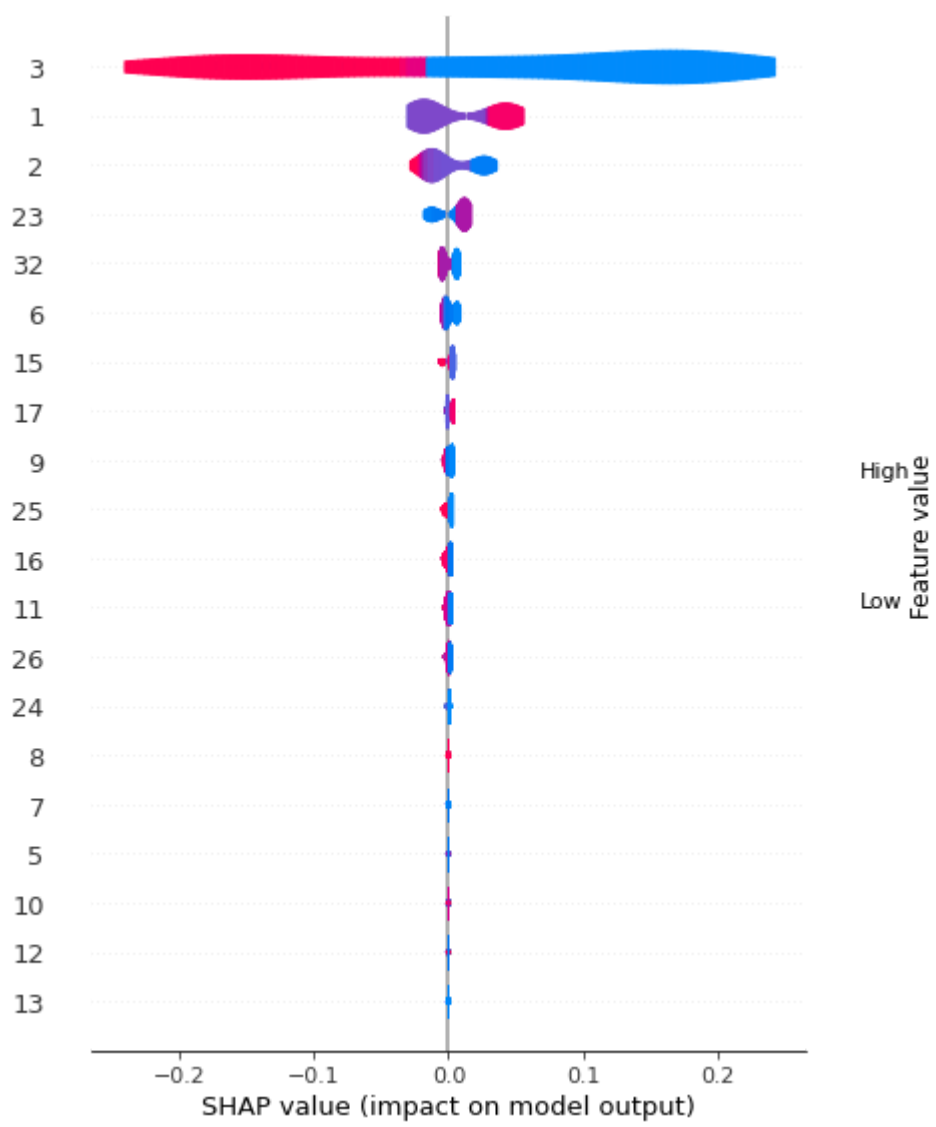
```
       [ 0.        ,  0.01898534,  0.00631506, ...,  0.        ,
         0.        ,  0.        ],
       [ 0.        ,  0.01898534,  0.01061794, ...,  0.        ,
         0.        ,  0.        ]])]
```

```
Checking if shap plots are returned and consistent...
```

```
Summary Plot for SHAP Values in Class 0 & 1 in Test Set:
```



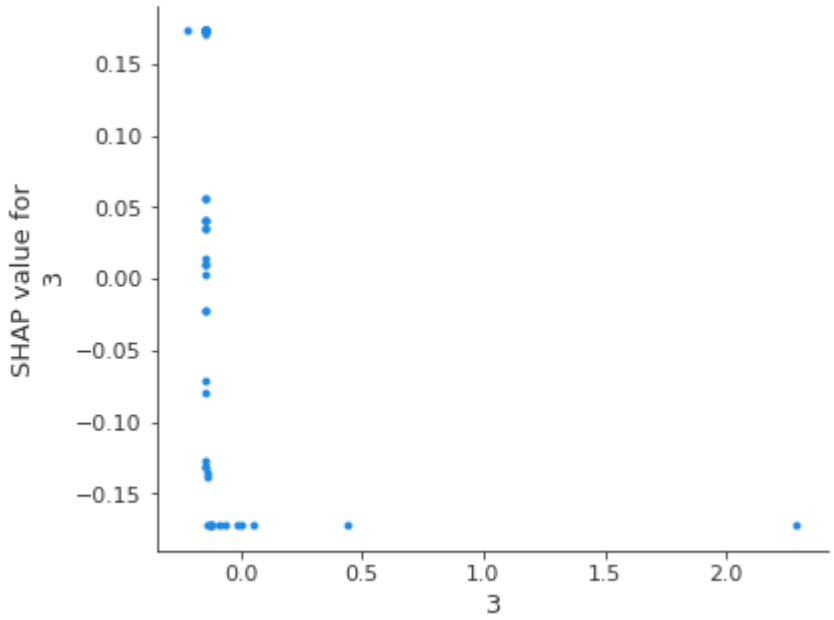

```
Summary Plot for SHAP Values from Class 0 in Test Set:
```

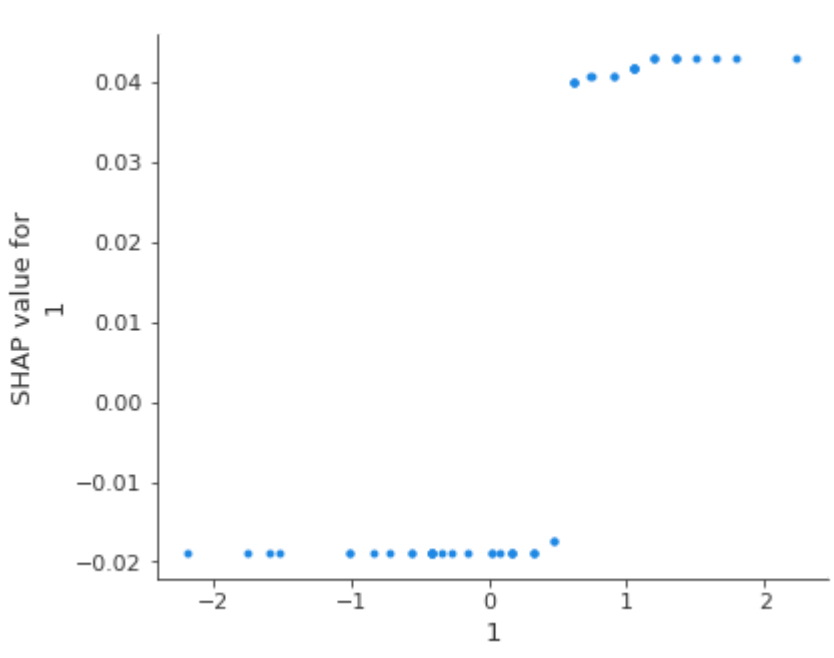


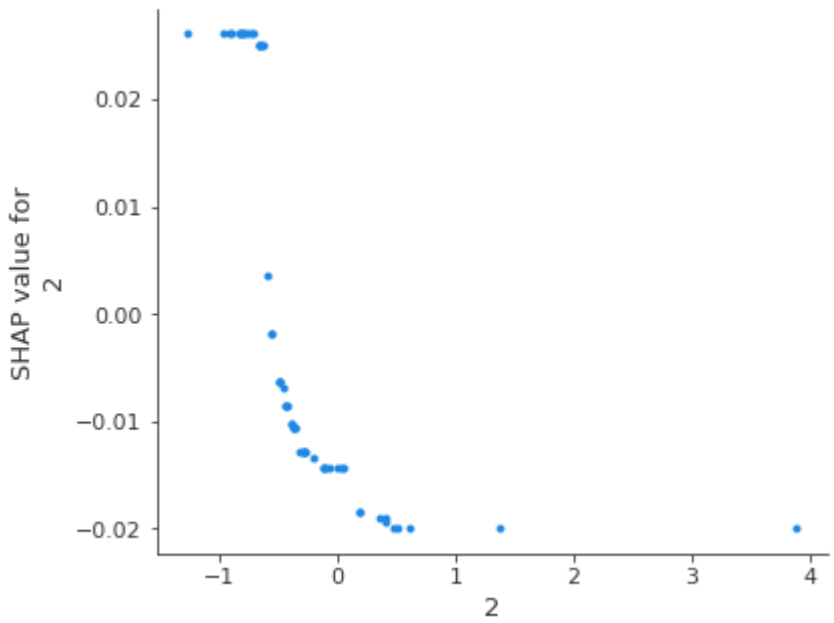

```
Decision Plot for SHAP Values from Class 0 in Test Set:
```

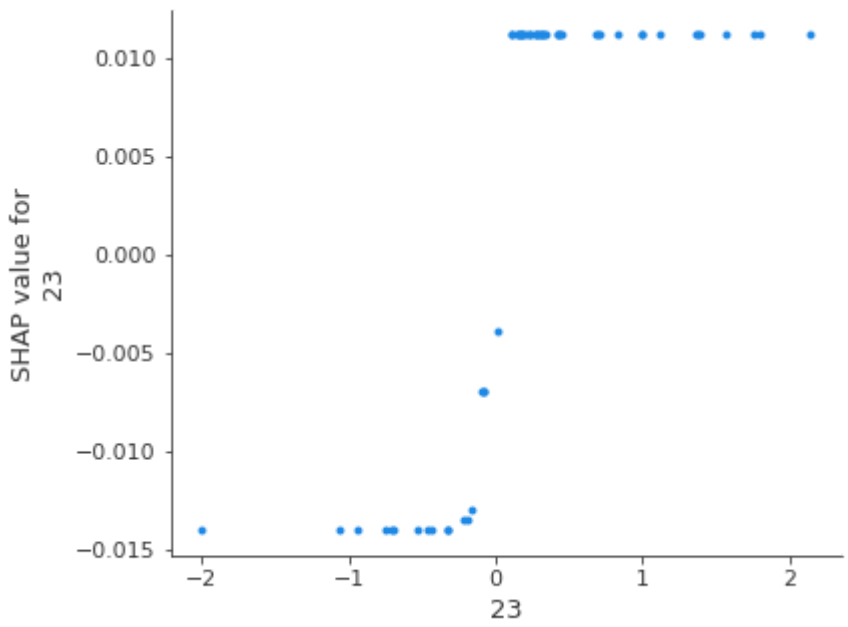
Dependence Plots for Top 5 Features in Test Set

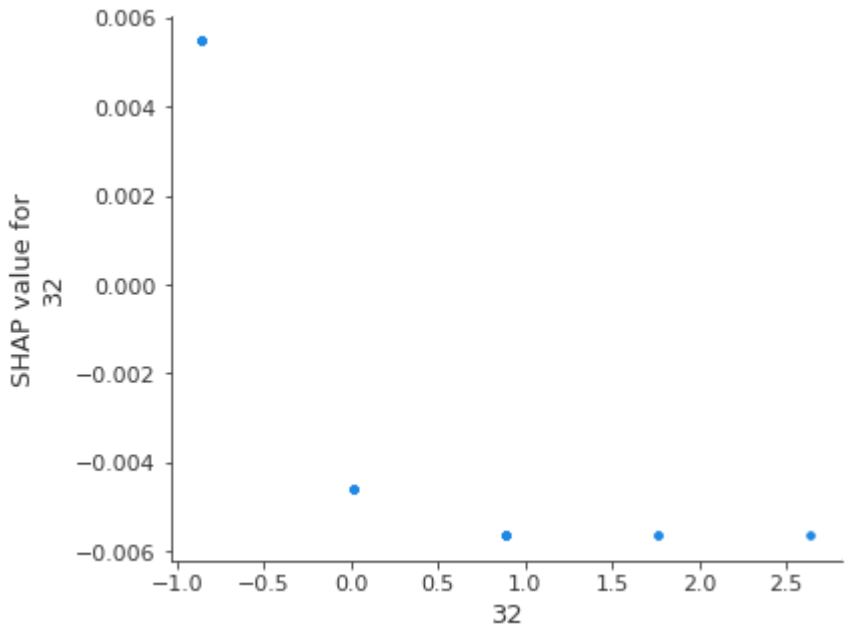
This displays SHAP Values from Class 0












```
Force Plot for SHAP Values from Class 0 in Test Set:  --> MAY NOT WORK FOR THIS MODEL
```

In [12]:
```
# metrics_file = experiment_path + '/hcc-data_example/model_evaluation/pickled_metrics/DT_CV_0_metrics.pickle'
# file = open(metrics_file, 'rb')
# metrics = pickle.load(file)
# file.close()

# print(metrics)
```

Exception: waterfall_plot requires a scalar expected_value of the model output as the first parameter, but you have passed an array as the first parameter! Try shap.waterfall_plot(explainer.expected_value[0], shap_values[0], X[0]) or for multi-output models try shap.waterfall_plot(explainer.expected_value[0], shap_values[0][0], X[0]).

shap.force_plot(expected_value[0], shap_values[0], testX.columns.values, matplotlib = True, show = False) Error: matplotlib = True is not yet supported for force plots with multiple samples!

In [ ]: