

```
chronos_array = _Time_Ensemble.chronos_predict(X_te,  
['pre63p2-645-800', 'models/m55', 'models/m60', 'models/m50', 'models/60_811_svm100'])
```

loaded chunk 1 of size: 108200300 -> 55804341  
concat chunks  
concatted chunks  
Success.  
Size of dataset: 55804341  
19096 Samples Dropped.

Chronos: Predicting on Model #1 (pre63p2-645-800)

78/78 ————— 1s 5ms/step  
78/78 ————— 1s 6ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step

(2475, 8)

78/78 ————— 0s 2ms/step

Chronos: Predicting on Model #2 (models/m55)

78/78 ————— 2s 28ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step

(2475, 8)

78/78 ————— 0s 2ms/step

Chronos: Predicting on Model #3 (models/m60)

78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step

(2475, 8)

78/78 ————— 0s 2ms/step

Chronos: Predicting on Model #4 (models/m50)

78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step  
78/78 ————— 1s 4ms/step

(2475, 8)

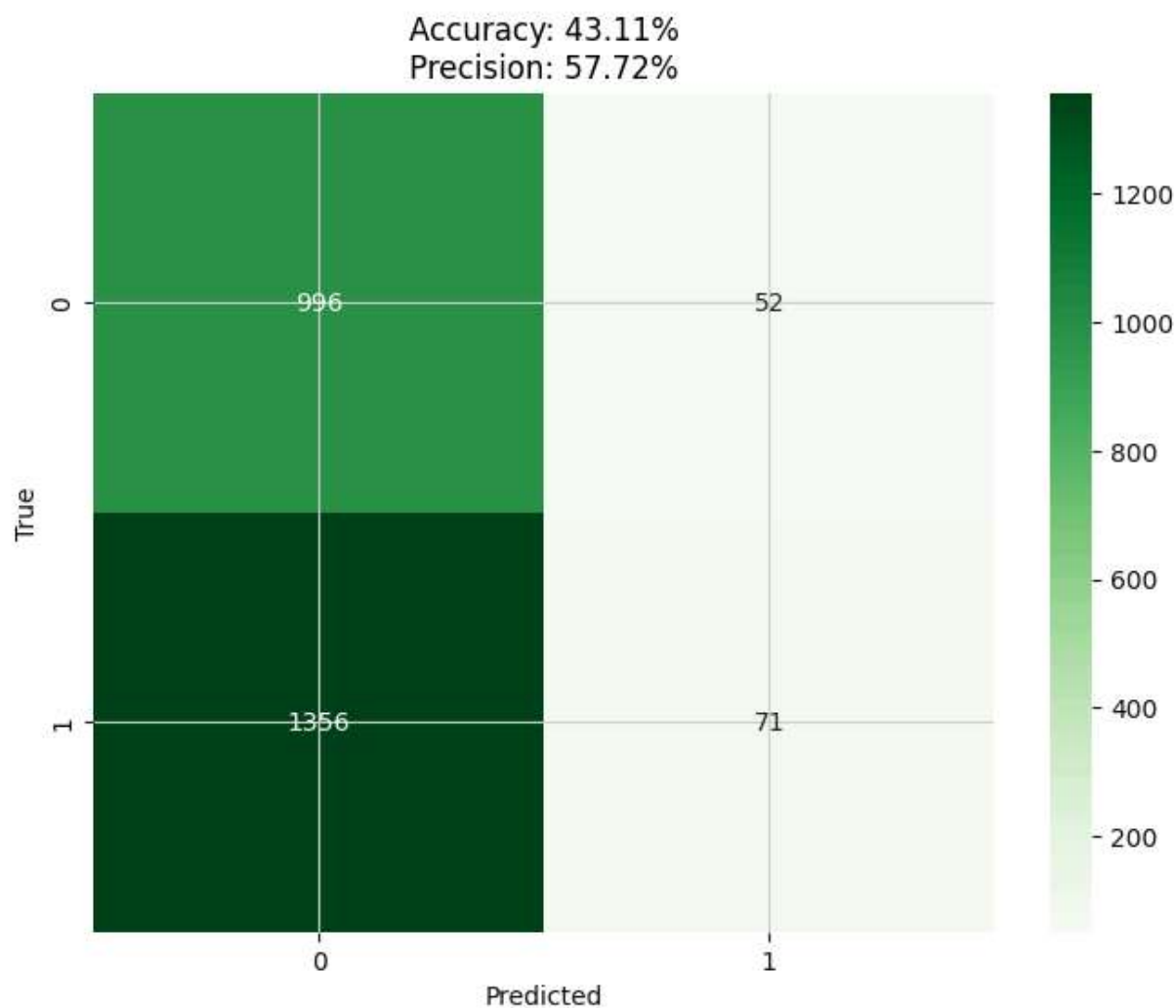
78/78 ————— 0s 2ms/step

Chronos: Predicting on Model #5 (models/60\_811\_svm100)

78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step  
78/78 ————— 1s 5ms/step

78/78 ————— 1s 5ms/step  
 78/78 ————— 1s 5ms/step  
 78/78 ————— 1s 5ms/step  
 78/78 ————— 1s 5ms/step  
 (2475, 8)  
 78/78 ————— 0s 2ms/step

```
In [ ]: reload(_Utility)
        reload(_Time_Ensemble)
        t_pred = _Time_Ensemble.chronos_fusion(master_predictions=chronos_array, fus
        _Utility.show_confusion_matrix(y_te, t_pred, title=f'Accuracy: {_Utility.get_accura
```



```
In [ ]: #reload(_Utility)
        #reload(_Time_Ensemble)
        #vals = _Utility.graph_range(_Time_Ensemble.chronos_fusion, kw='vote_var', kw_range
        #scores = [precision_score(y_te, vals[i]) for i in range(0,5)]
        #_Utility.plot_standard_line(scores, range(0,5))
```

```
In [ ]: from _Utility import get_name_from_fss
        get_name_from_fss(fss=feature_subsets, index=138)
```

Out[ ]: 'stchK60\_spx'

```

In [43]: #showing chart of predictions
X_raw, __, __, __, \
y_raw, __, __, __, \
feature_subsets, scaler = \
_Data_Processing.preprocess_data(
    file_name = 'spx_test2.csv'
    ,indp_size = 0.01
    ,test_size = 0.01
    ,shfl_splt = False
    ,t_start = 645
    ,t_end = 800
    ,mod_type = 'Area_Classification'
    ,target_t = 60
    ,num_class = 2
    ,split_val = 5
    ,verbose = 0
    ,scaler = 'None'
    ,cstm_scale = joblib.load('scaler/tmp.joblib')
    ,frmt_lstm = lstm_format
    ,keep_price = True
    ,keep_time = True
    ,indices = 0
)

reload(_Utility)
_Utility.show_predictions_chart(X_raw=X_raw,predictions=t_pred, t_start=645, t_end=
    #, add_chart=[128,132]
    , fss=feature_subsets)

```

loaded chunk 1 of size: 108200300 -> 55804341

concat chunks

concatted chunks

Success.

Size of dataset: 55804341

19096 Samples Dropped.













