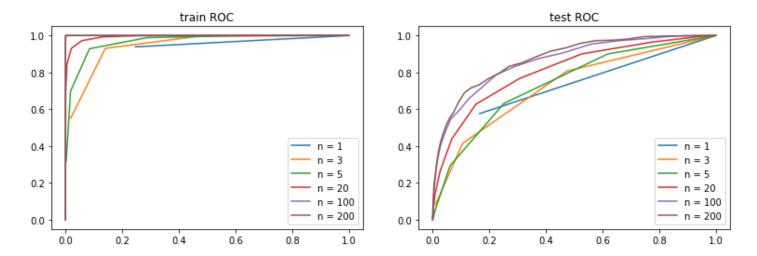
1. 根據Viola和Jone的AdaBoost方法,在1,3,5,20,100,200個weak classifiers下, CBCL資料庫裡的training data和testing data,以不同的threshold畫出ROC曲線



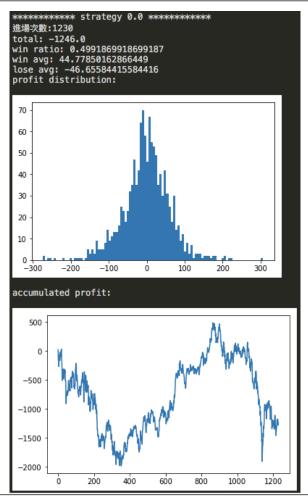
2. 找一張有多個人臉的照片來TEST,取前100個特徵組出的分類器,用sliding window來偵測圖片中各個區域19*19的人臉,在原圖上標出分類器判定為人臉的正方型(建議先把照片縮放到每張人臉約為19X19)



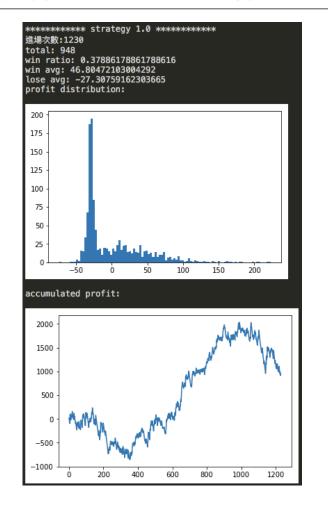
- 3. 整理上課提到的投資策略模擬0.0-3.1,針對每種策略
 - 1. 寫一句簡短描述該策略的句子
 - 2. 製作一張表格紀錄五個數值:(1) 進場次數(2) 總損益點數(3) 勝率(4) 賺錢時平均每次獲利點數(5) 輸錢時平均每次損失點數
 - 3. 繪製兩張圖:(1)逐日累積損益(2)每日損益分佈圖

strategy 0.0:

開盤買進一口,收盤的時候賣掉

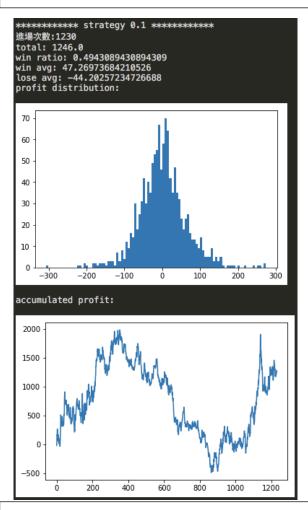


strategy 1.0: 開盤買進一口,30點停損,收盤賣掉

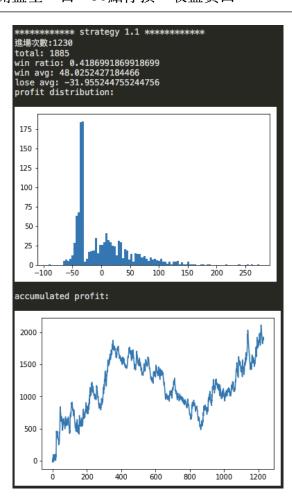


strategy 0.1:

開盤就賣一口,收盤時買回



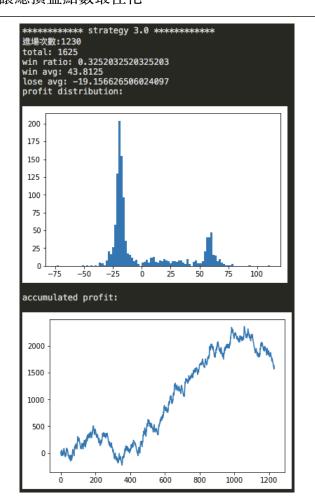
strategy 1.1: 開盤空一口,30點停損,收盤買回



strategy 2.0: 開盤買進一口,30點停損停利,收盤賣出

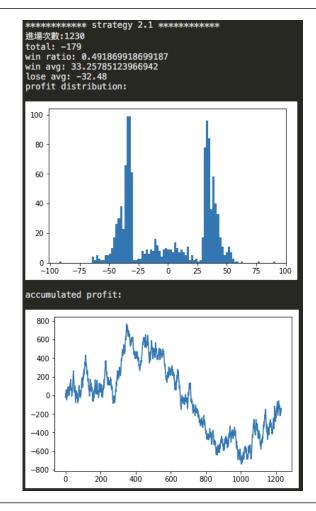
********** strategy 2.0 ******* 進場次數:1230 total: 512 win ratio: 0.5048780487804878 win avg: 27.996779388083738 lose avg: -27.707717569786535 profit distribution: 120 100 80 60 40 20 -50 -25 25 75 100 accumulated profit: 800 600 400 200 400 ó 200 400 600 800 1000 1200

strategy 3.0: 找到一組m,n改進策略2.0 讓總損益點數最佳化



strategy 2.1:

開盤空一口,30點停損停利,收盤買進



strategy 3.1: 找到一組m,n改進策略2.1 讓總損益點數最佳化

