# Fibonacci Retracement Multistock

Quant: Wikipedia <a href="https://en.wikipedia.org/wiki/Fibonacci">https://en.wikipedia.org/wiki/Fibonacci</a> retracement

Desk: Aidan Villasenor, Zexuan Zhou

Backtester: Jiale Chen?

Deployer:

### Introduction: <Briefly describe the algorithm and it's rationale.>

In finance, Fibonacci retracement is a method of technical analysis for determining support and resistance levels. It is named after the Fibonacci sequence of numbers, whose ratios provide price levels to which markets tend to retrace a portion of a move, before a trend continues in the original direction. Hence, we set bands where there we would predict a retracement once the price sets in the band and would place a "BUY" order when price just went down and we expect it to retrace up and a "SELL order" otherwise.

### **Inputs:**

Prices of each individual stock

## **Deploy?**

#### Deployment

Merged: Linked: Validated: Deployed: