File Windows Version

## PORTFOLIO OPTIMIZER

Date: 11-01-2019 Time: 12:34pm

| Investo           | r Profile     | ☐ High Risk Tolerand ☑ Low Risk Tolerand |               |            |                |
|-------------------|---------------|------------------------------------------|---------------|------------|----------------|
| Asset Type        |               | ○ Stocks                                 | O Bonds       | ○ Equities | ○ Fixed Income |
| Investment Amount |               | \$100,000                                | •—            |            |                |
| Retirement        | Time Horizon  | 20                                       |               |            |                |
| Number            | Ticker symbol | Allocation/Weigh                         | t (%) Min-wei | ght (%)    | Max-weight (%) |
| 1                 | Q search      |                                          |               |            |                |
| 2                 | Q search      |                                          |               |            |                |
| 3                 | Q search      |                                          |               |            |                |
| 4                 | Q search      |                                          |               |            |                |
| 5                 | (Q search     |                                          |               |            |                |

## PORTFOLIO OPTIMIZER



Date: 11-01-2019 Time: 12:34pm

| DATA INGESTION     |  |
|--------------------|--|
| DATA PROCESSING    |  |
| DATA LOADING       |  |
| DATA EXPLORATION   |  |
| DATA ANALYSIS      |  |
|                    |  |
| DATA VISUALIZATION |  |

File Windows Version

## PORTFOLIO OPTIMIZER



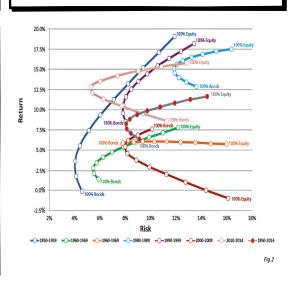
Date: 11-01-2019 Time: 12:34pm

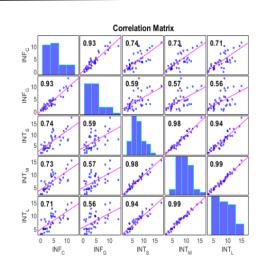
RATIO COMPARISONS

**EFFICIENT FRONTIER** 

CORRELATIONS

| Measures (Attributes) | Befor <b>\$</b> | After | Differen ▼ |
|-----------------------|-----------------|-------|------------|
| Sharpe Ratio          | 1.7             | 1.9   |            |
| Volatility            | 1.9             | 1.3   |            |
| Returns               | 41              | Patat |            |
| Change \$             | :)              | Val   | $\square$  |
| Projected             | :)              | Val   |            |
| Sortinos Ratio        | :)              | Val   |            |
| Information           | :)              | Val   |            |





FORECASTED TRENDS

MONTECARLO SIMULATIONS

INTERACTIVE CHART

