

Strat 3

January 5, 2015

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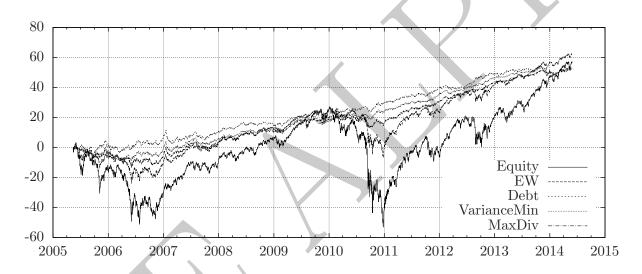
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## Overview

### 1.1 Holding Period Return

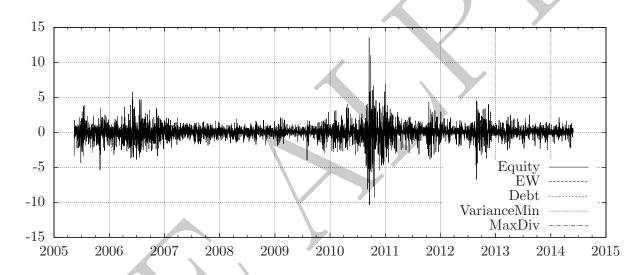


## 1.2 Statistics

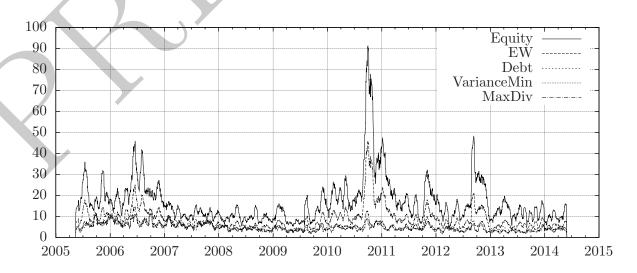
n = 3303	Equity	EW	Debt	VarianceMin	MaxDiv
Mean	4.32	4.75	4.02	3.98	4.05
St. Dev	20.54	10.46	5.3	5.04	5.55
Sharp	0.2104	0.454	0.7586	0.7901	0.7307
Skew	-0.0499	0.0831	-0.6991	-0.5727	-0.2939
Kurtosis	13.63	12.99	8.11	6.83	5.8
Positive	1812	1794	1897	1757	1762
Negative	1491	1509	1406	1546	1541

## Risk

### 2.1 Periodict Return



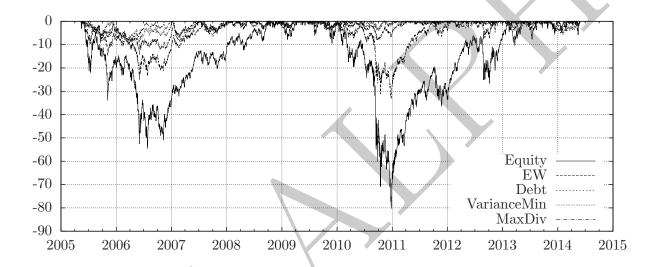
## 2.2 Volatility Evolution



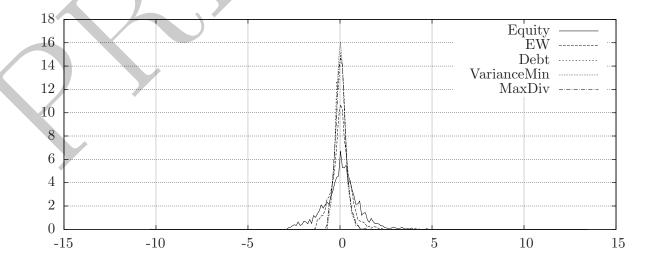
CHAPTER 2. RISK 2.3. DRAWDOWN

	Mean	St. Dev.	Count
Equity	16.87	11.01	3304
EW	8.7	5.45	3304
Debt	4.83	1.89	3304
VarianceMin	4.6	1.8	3304
MaxDiv	5.05	2.02	3304

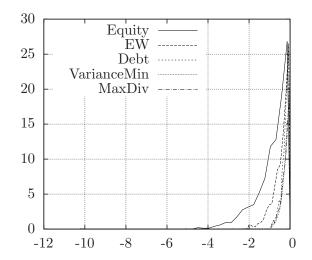
### 2.3 Drawdown



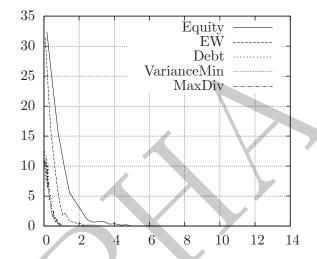
## 2.4 Density



2.4. DENSITY CHAPTER 2. RISK



	Mean	St. Dev.	Count (%)
Equity	-234.01	16.3	45.14
EW	-116.75	8.01	45.68
Debt	-67.56	3.95	42.56
VarianceMin	-58.46	3.71	46.8
MaxDiv	-65.18	3.95	46.65



	Mean	St. Dev.	Count (%)
Equity	200.44	14.49	54.85
EW	106.95	7.49	54.31
Debt	57.08	3.3	57.43
VarianceMin	58.93	3.13	53.19
MaxDiv	64.61	3.56	53.34

# Strategies

### 3.1 Equity

### 3.1.1 Description

Equity Portfolio

### 3.1.2 Configuration

Frequency	1
Version	1
Rebalanced	true

### 3.2 EW

### 3.2.1 Description

Equal Weighted Portfolio

### 3.2.2 Configuration

Frequency Version	1
Rebalanced	true

### 3.3 Debt

### 3.3.1 Description

Debt Portfolio

### 3.3.2 Configuration

Frequency	1
Version	1
Rebalanced	true

### 3.4 VarianceMin

#### 3.4.1 Description

Minimal Variance Portfolio Compute the weights x which minimize the expected variance of the portfolio

### 3.4.2 Configuration

Frequency	1
Version	1
Rebalanced	true

### 3.5 MaxDiv

### 3.5.1 Description

Maximum Diversification Portfolio Compute the weights x which maximize the Diversification Ratio

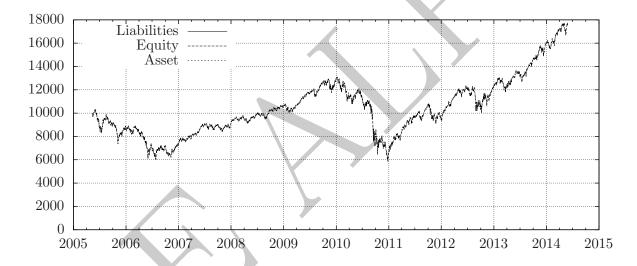
### 3.5.2 Configuration

Frequency	1
Version	1
Rebalanced	true

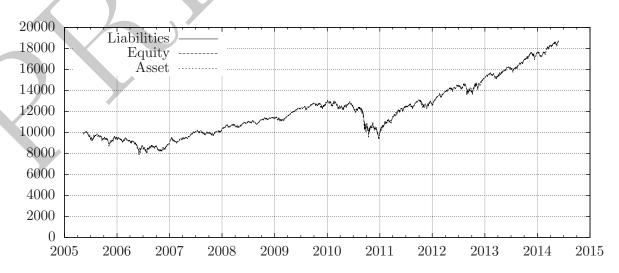
## Data

### 4.1 Portfolio Values

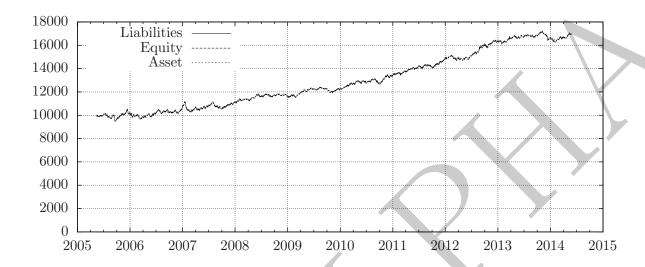
### 4.1.1 Equity



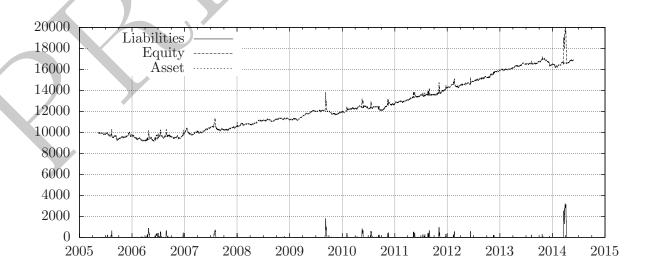
#### 4.1.2 EW



#### 4.1.3 Debt

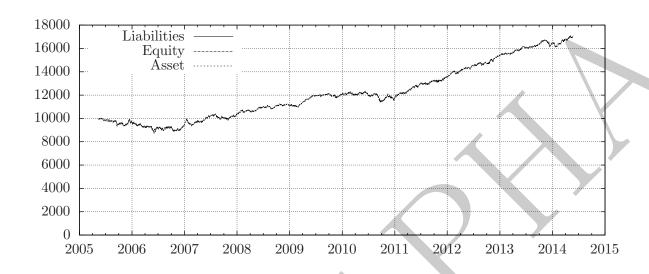


### 4.1.4 VarianceMin



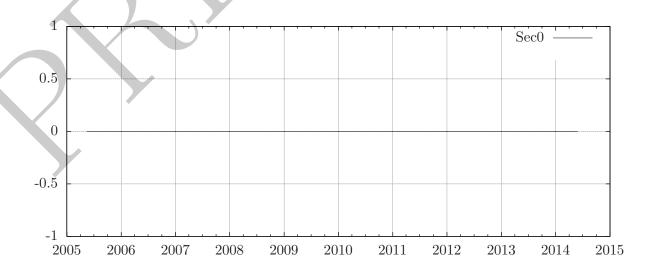
CHAPTER 4. DATA 4.2. HOLDINGS

#### 4.1.5 MaxDiv



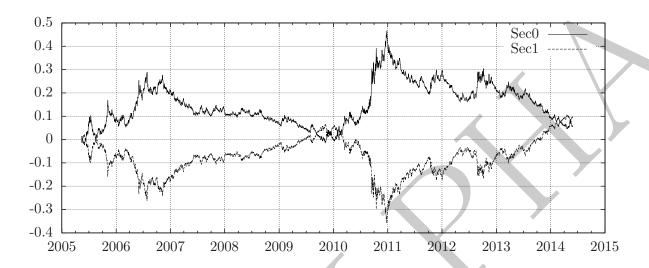
## 4.2 Holdings

### **4.2.1** Equity

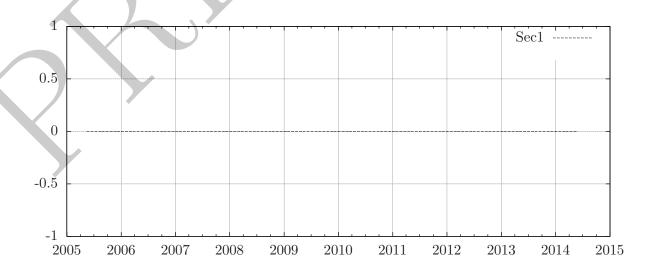


4.2. HOLDINGS CHAPTER 4. DATA

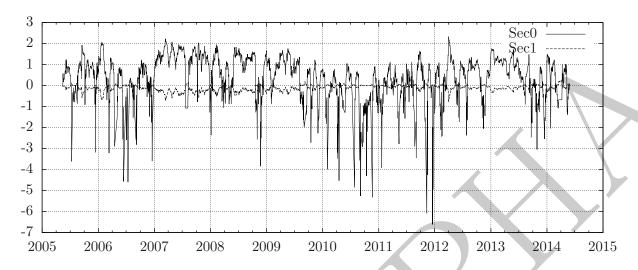
### 4.2.2 EW



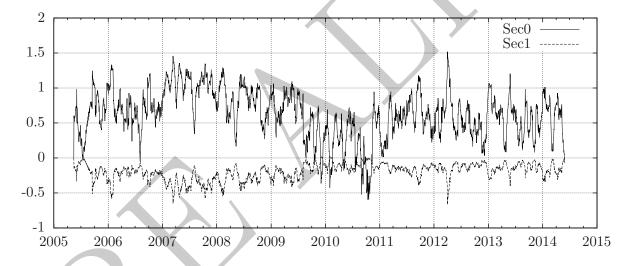
### 4.2.3 Debt



### 4.2.4 VarianceMin



### 4.2.5 MaxDiv



### 4.3 Transaction Order

Statistics about the number of Asset's unit bought/sold. The first observation is skipped

### 4.3.1 Equity

	Mean	Mean (Bought)	Mean (Sold)	St. Dev.	% Buy	% Sell
Sec	0	0	0	0	87.43	12.56
Sec	. 0	0	-nan	0	100	0

#### 4.3.2 EW

	Mean	Mean (Bought)	Mean (Sold)	St. Dev.	% Buy	% Sell
Sec0	0.0008	0.28	-0.24	0.4	46.77	53.22
Sec1	0.0085	1.1	-1.23	1.67	53.22	46.77

#### 4.3.3 Debt

	Mean	Mean (Bought)	Mean (Sold)	St. Dev.	% Buy	% Sell
Sec0	0	0	-nan	0	100	0
Sec1	0	0	0	0	99.72	0.27

### 4.3.4 VarianceMin

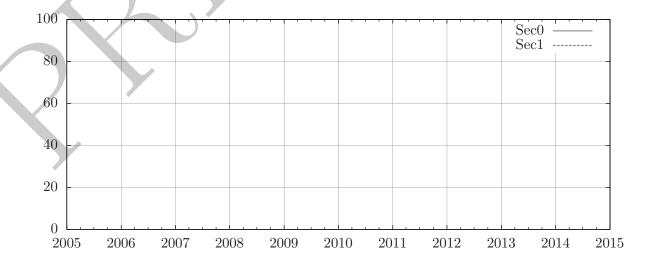
۱		Mean	Mean (Bought)	Mean (Sold)	St. Dev. % Buy	% Sell
	Sec0	-0.0003	1.89	-1.93	3.11   50.46	49.53
	Sec1	0.001	9.18	-9.01	15.14   49.53	50.46

### 4.3.5 MaxDiv

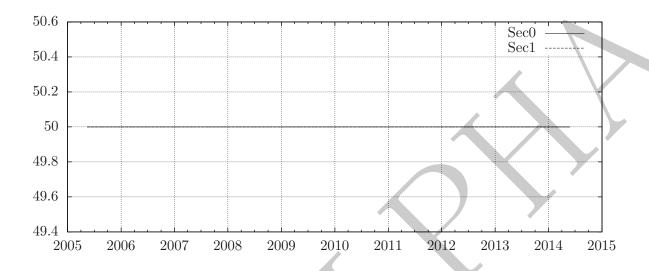
		Mean	Mean (Bought)	Mean (Sold)	St. Dev.	% Buy	% Sell
ı	Sec0	-0.0002	1.22	-1.23	1.93	50.1	49.89
	Sec1	0.0015	5.78	-5.76	9.28	49.89	50.1

### 4.4 Target Weight

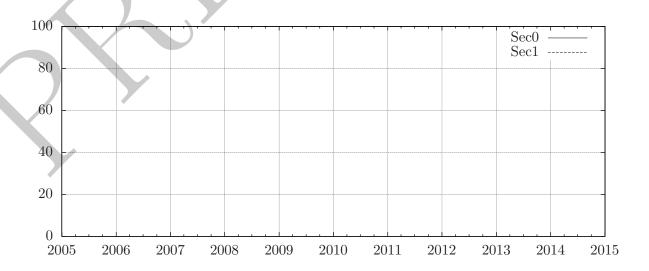
### 4.4.1 Equity



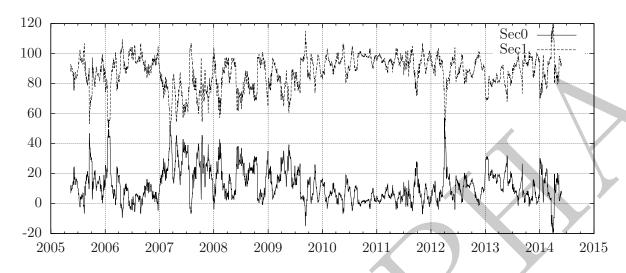
### 4.4.2 EW



### 4.4.3 Debt



### 4.4.4 VarianceMin



### 4.4.5 MaxDiv

