

Strat 3 Tex Report

Strat 3

January 5, 2015

Contents

Disclaimer	i
1 Overview	1
1.1 Holding Period Return	1
1.2 Statistics	1
2 Risk	2
2.1 Periodict Return	2
2.2 Volatility Evolution	2
2.3 Drawdown	3
2.4 Density	3
3 Strategies	5
3.1 Equity	5
3.1.1 Description	5
3.1.2 Configuration	5
3.2 EW	5
3.2.1 Description	5
3.2.2 Configuration	5
3.3 Debt	5
3.3.1 Description	5
3.3.2 Configuration	5
3.4 VarianceMin	6
3.4.1 Description	6
3.4.2 Configuration	6
3.5 MaxDiv	6
3.5.1 Description	6
3.5.2 Configuration	6
4 Data	7
4.1 Portfolio Values	7
4.1.1 Equity	7
4.1.2 EW	7
4.1.3 Debt	8
4.1.4 VarianceMin	8
4.1.5 MaxDiv	9
4.2 Holdings	9
4.2.1 Equity	9

4.2.2	EW	10
4.2.3	Debt	10
4.2.4	VarianceMin	11
4.2.5	MaxDiv	11
4.3	Transaction Order	11
4.3.1	Equity	11
4.3.2	EW	11
4.3.3	Debt	12
4.3.4	VarianceMin	12
4.3.5	MaxDiv	12
4.4	Target Weight	12
4.4.1	Equity	12
4.4.2	EW	13
4.4.3	Debt	13
4.4.4	VarianceMin	14
4.4.5	MaxDiv	14

PRE ALPHA

Disclaimer

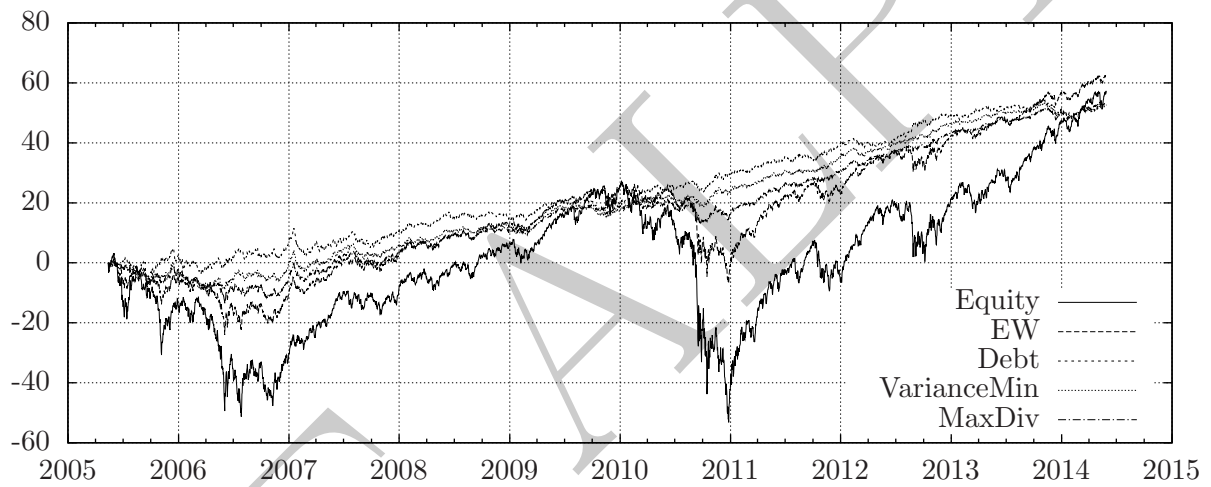
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PRE ALPHA

Chapter 1

Overview

1.1 Holding Period Return



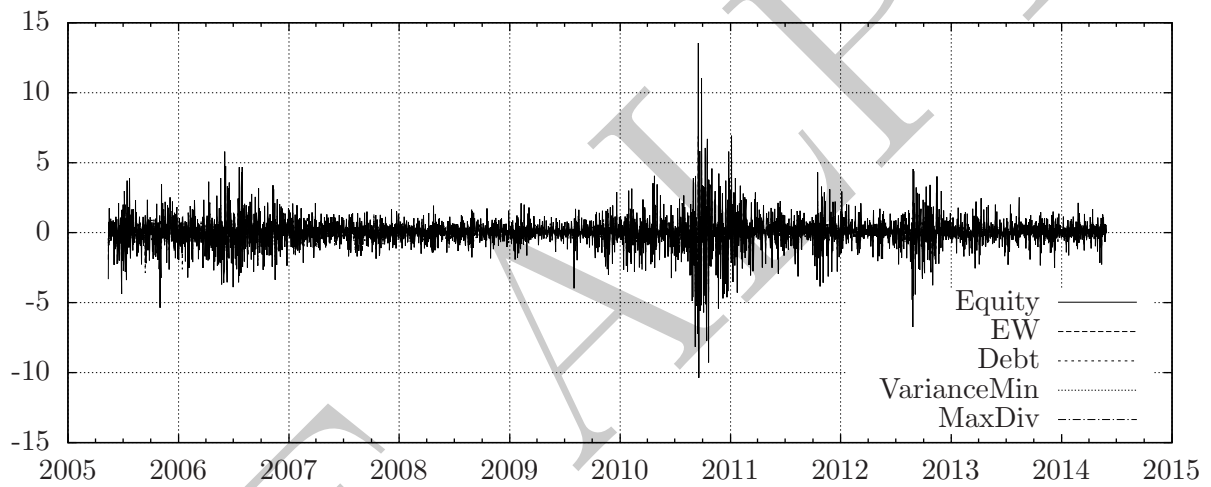
1.2 Statistics

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

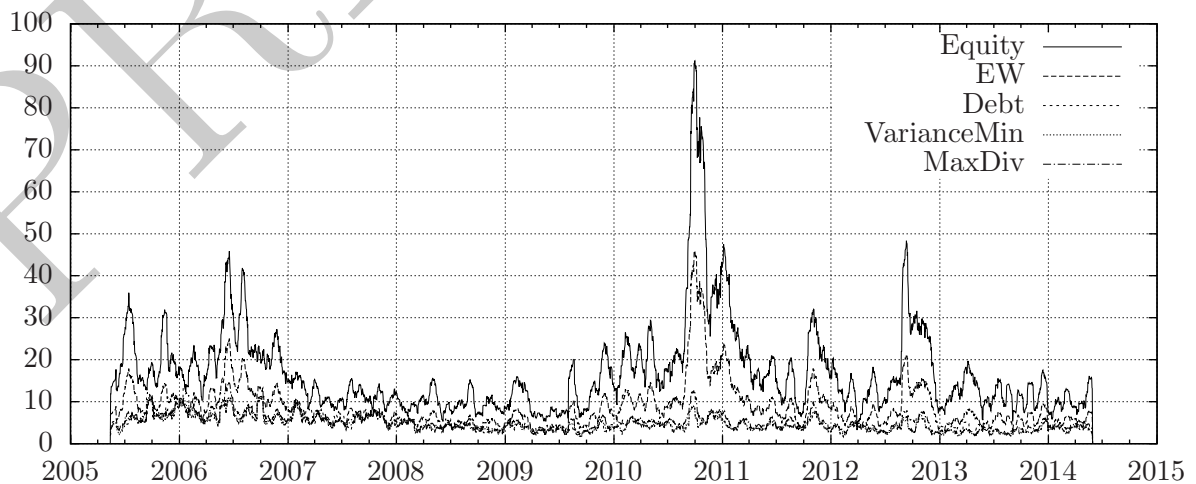
Chapter 2

Risk

2.1 Periodict Return

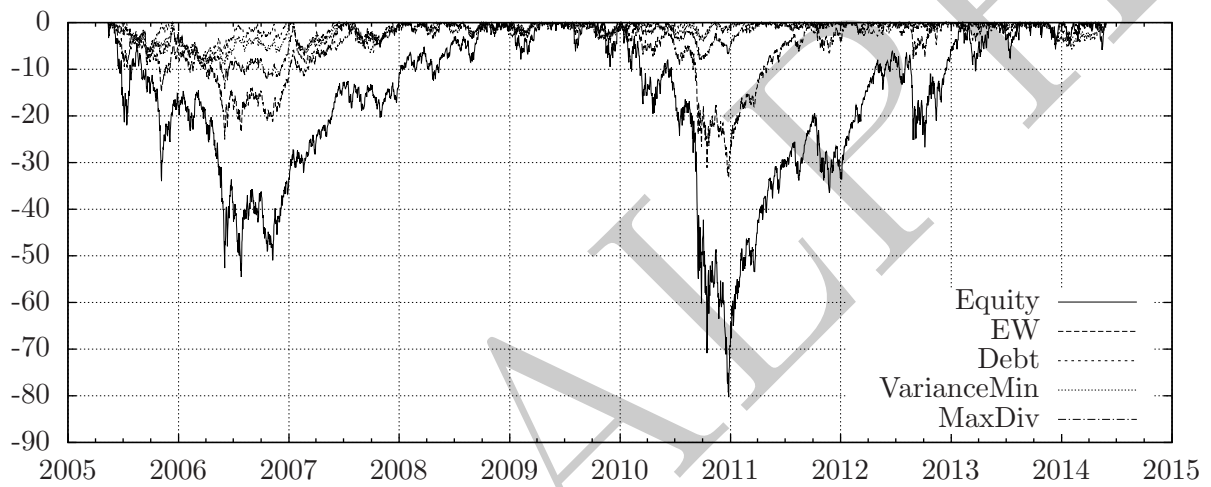


2.2 Volatility Evolution

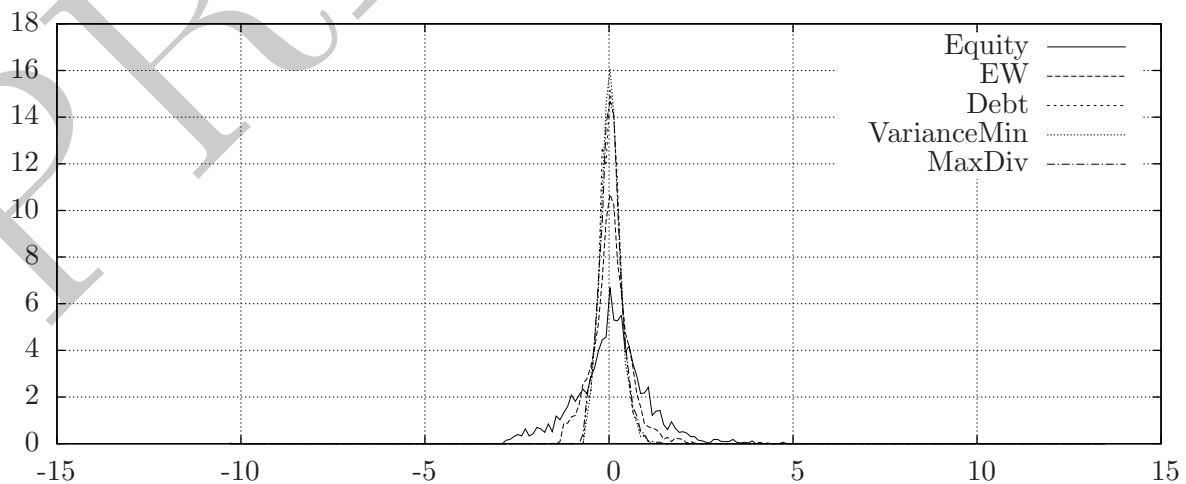


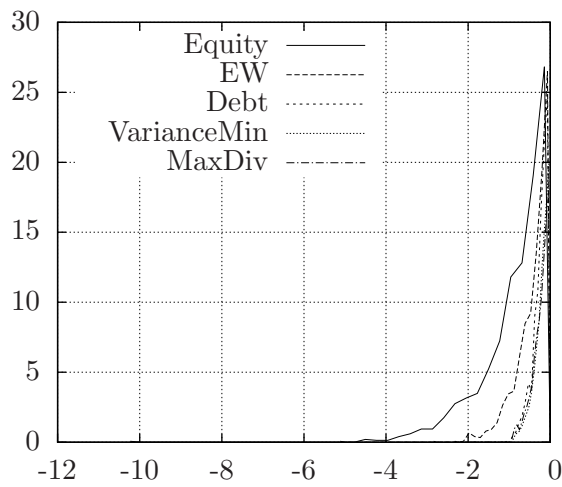
	Mean	St. Dev.	Count
Equity	16.87	11.01	3304
EW	8.7	5.45	3304
Debt	4.83	1.89	3304
VarianceMin	4.6	1.8	3304
MaxDiv	5.05	2.02	3304

2.3 Drawdown

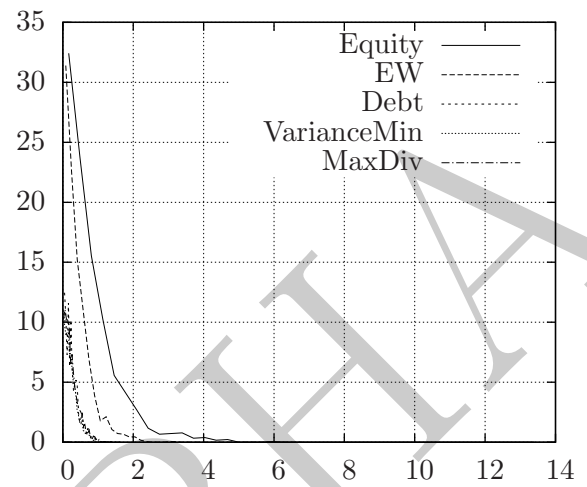


2.4 Density





	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

Chapter 3

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	1
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

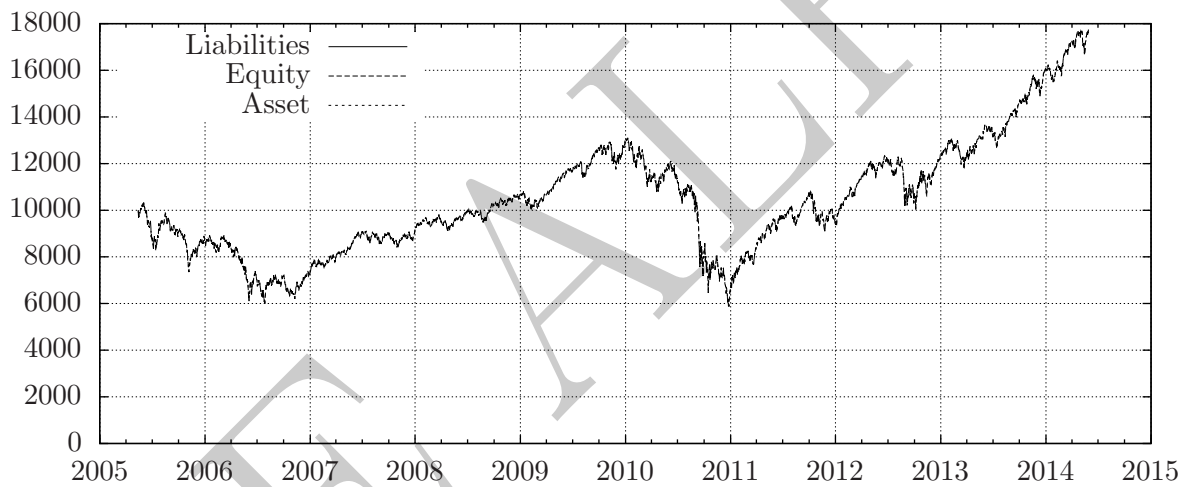
Frequency	1
Version	1
Rebalanced	true

Chapter 4

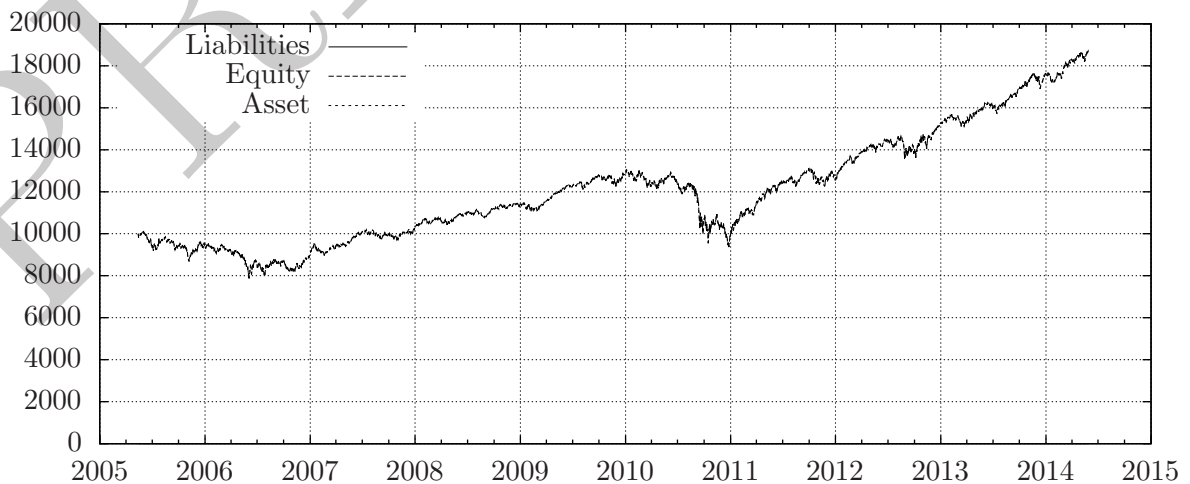
Data

4.1 Portfolio Values

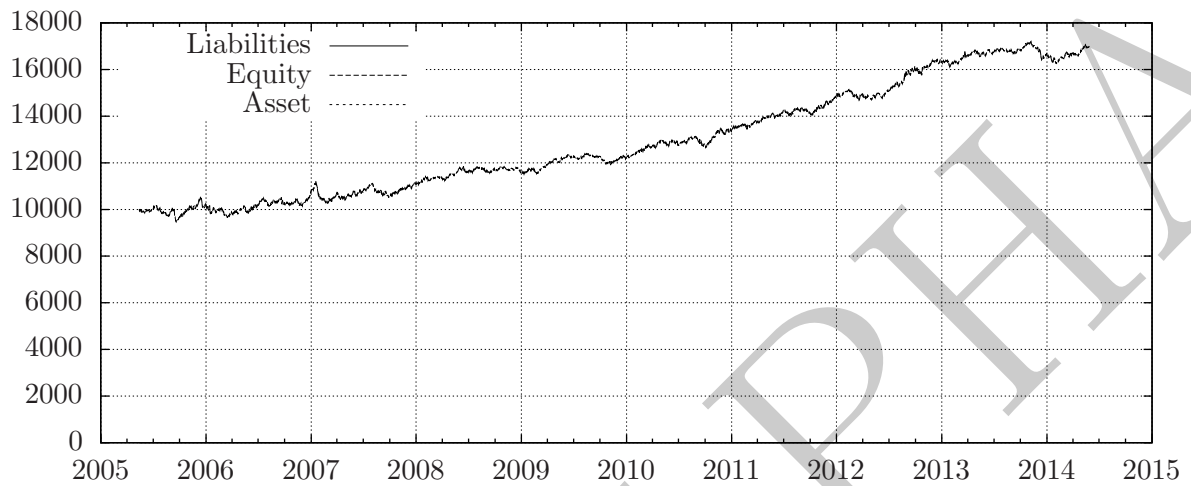
4.1.1 Equity



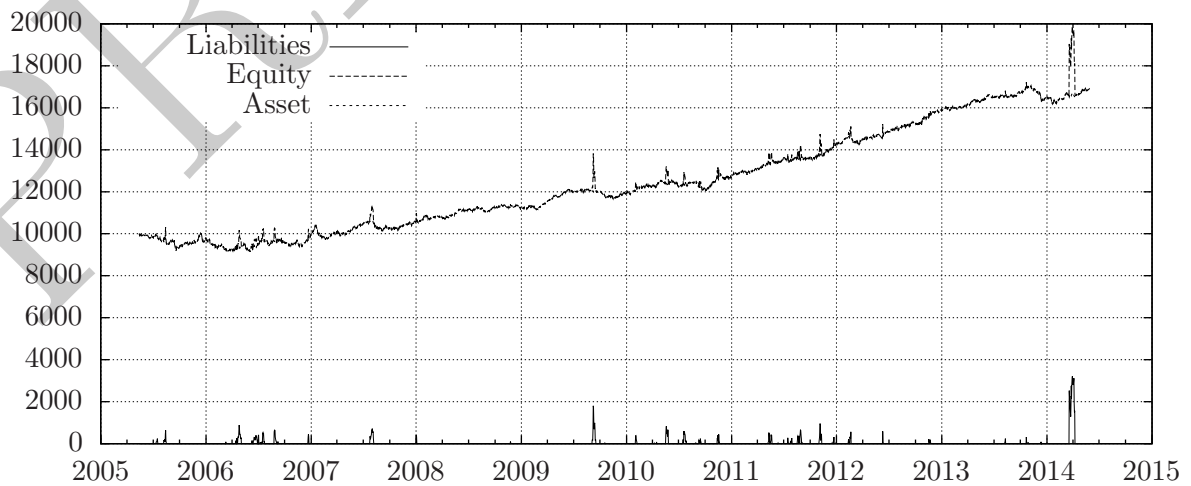
4.1.2 EW



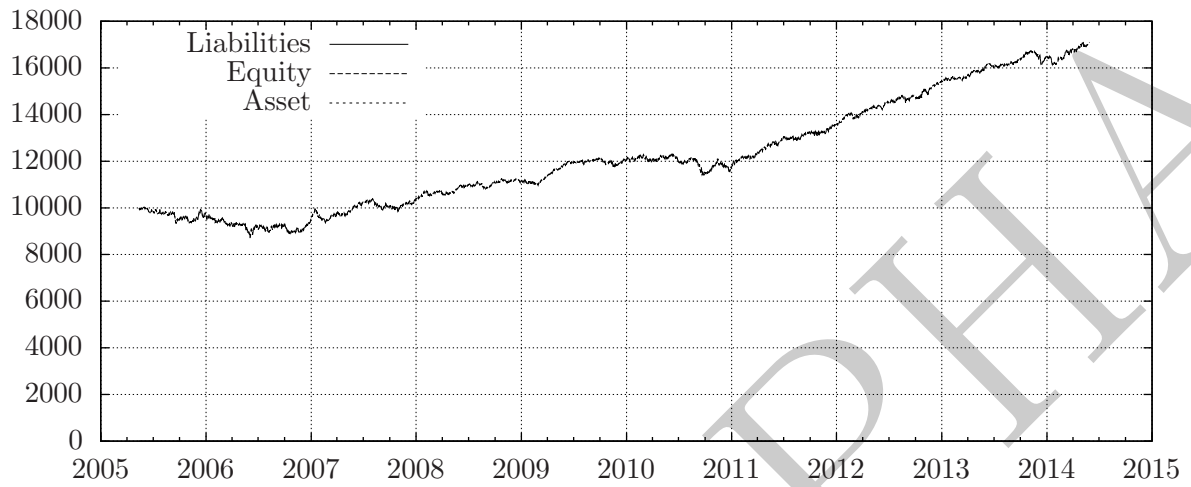
4.1.3 Debt



4.1.4 VarianceMin

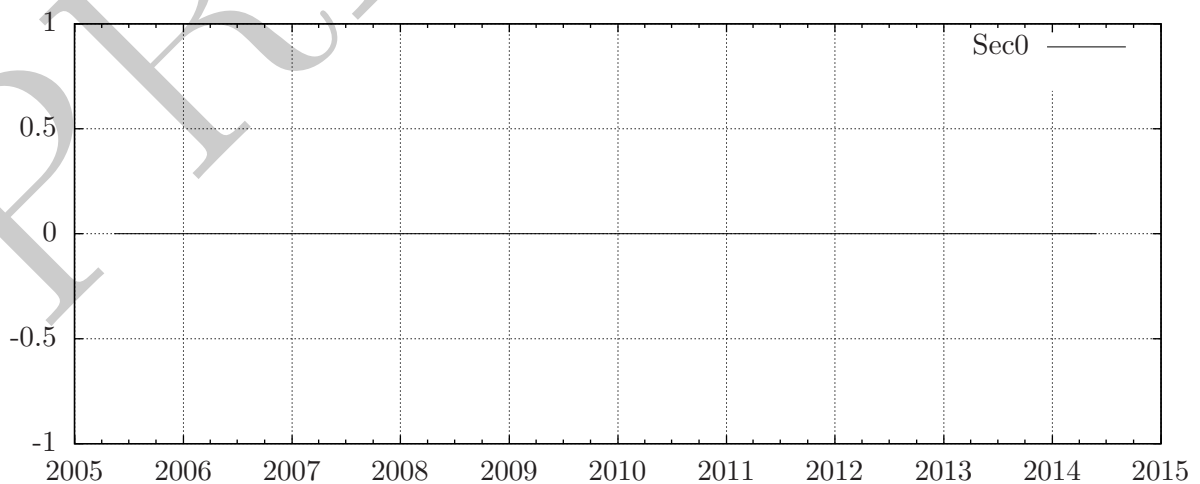


4.1.5 MaxDiv

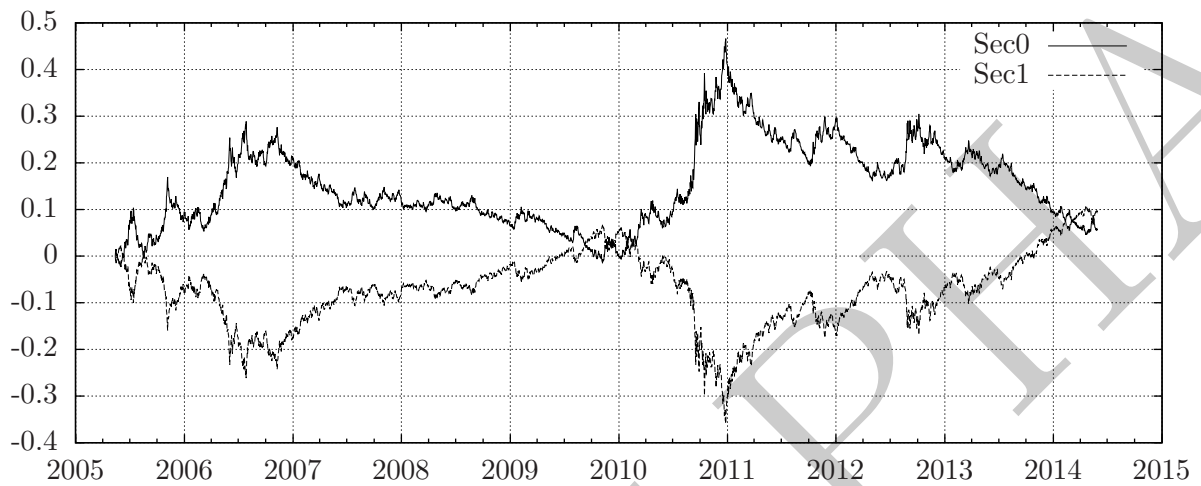


4.2 Holdings

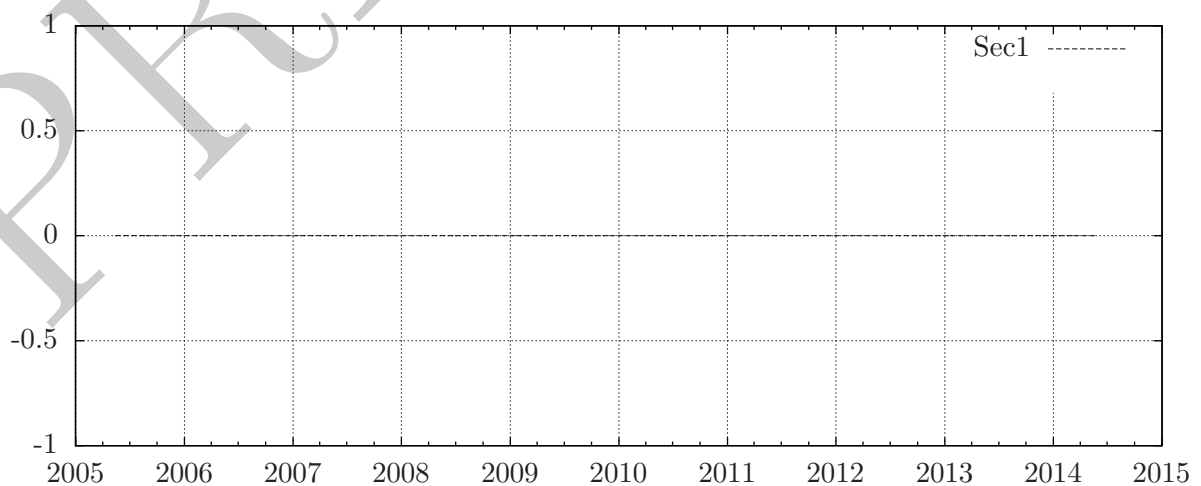
4.2.1 Equity



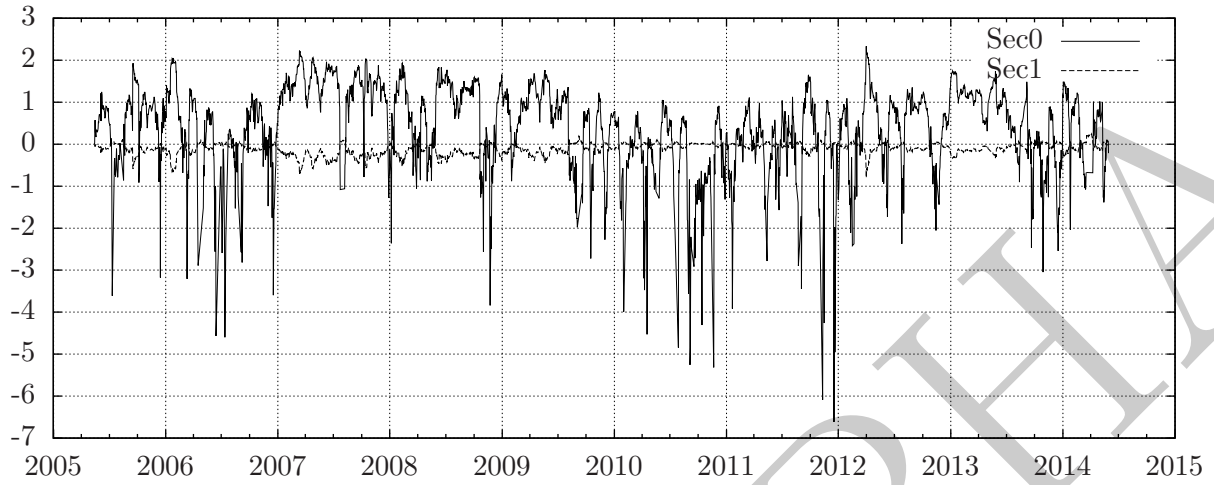
4.2.2 EW



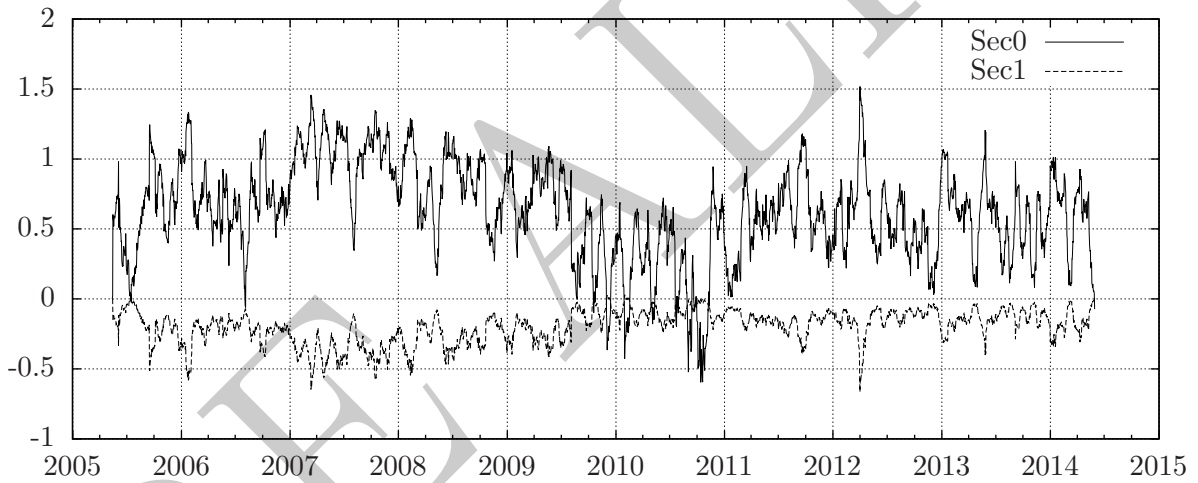
4.2.3 Debt



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
Sec0	0	0	0	0	87.43	12.56
Sec1	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

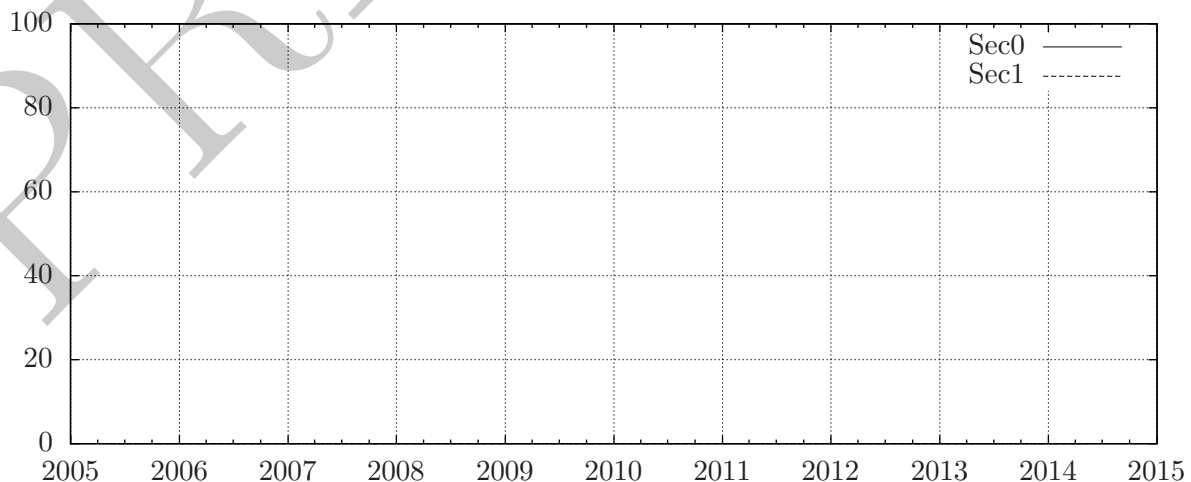
	Mean	Mean (Bought)	Mean (Sold)	St. Dev.	% Buy	% Sell
Sec0	-0.0003	1.89	-1.93	3.11	50.46	49.53
Sec1	0.001	9.18	-9.01	15.14	49.53	50.46

4.3.5 MaxDiv

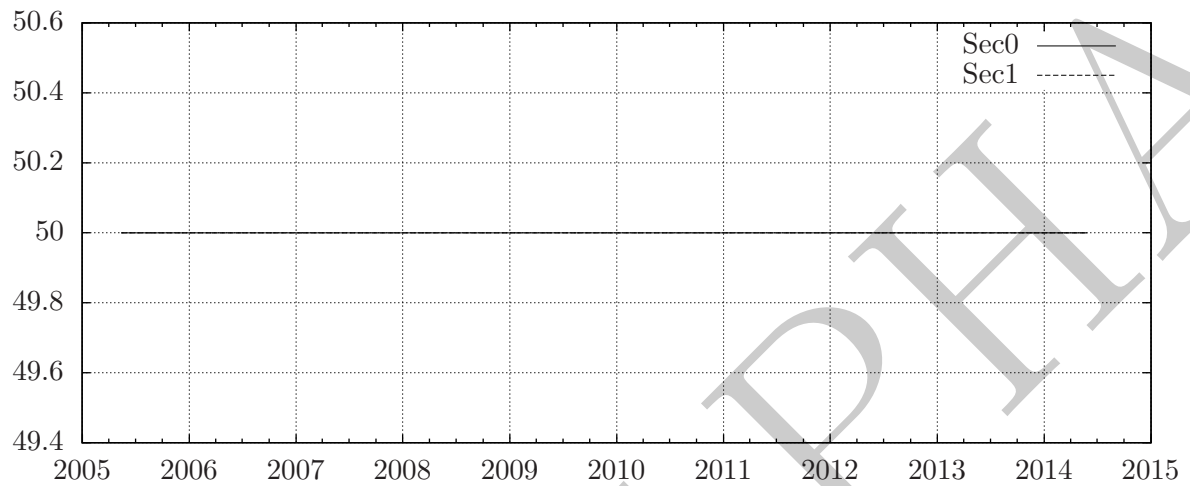
	Mean	Mean (Bought)	Mean (Sold)	St. Dev.	% Buy	% Sell
Sec0	-0.0002	1.22	-1.23	1.93	50.1	49.89
Sec1	0.0015	5.78	-5.76	9.28	49.89	50.1

4.4 Target Weight

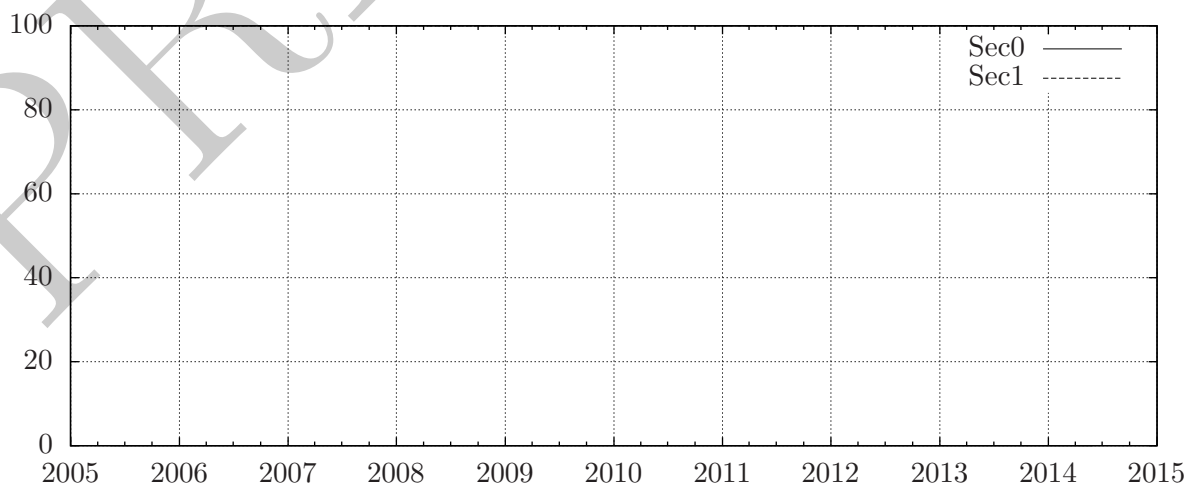
4.4.1 Equity



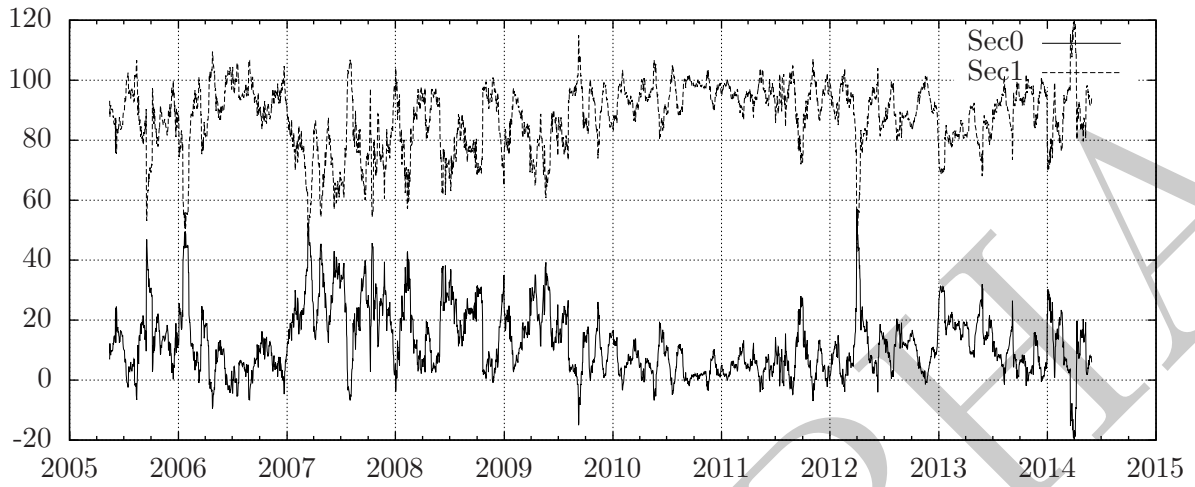
4.4.2 EW



4.4.3 Debt



4.4.4 VarianceMin



4.4.5 MaxDiv

