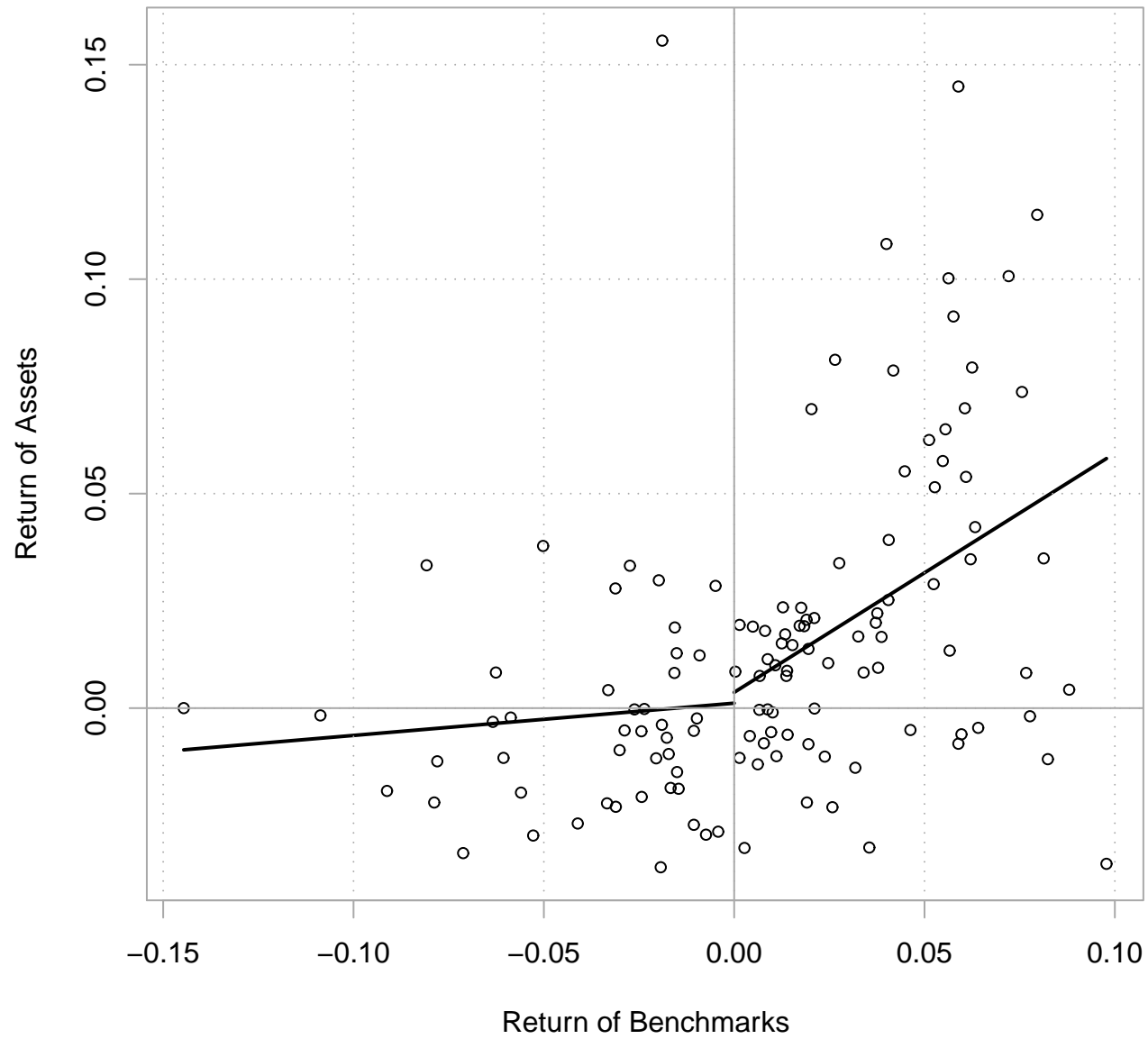
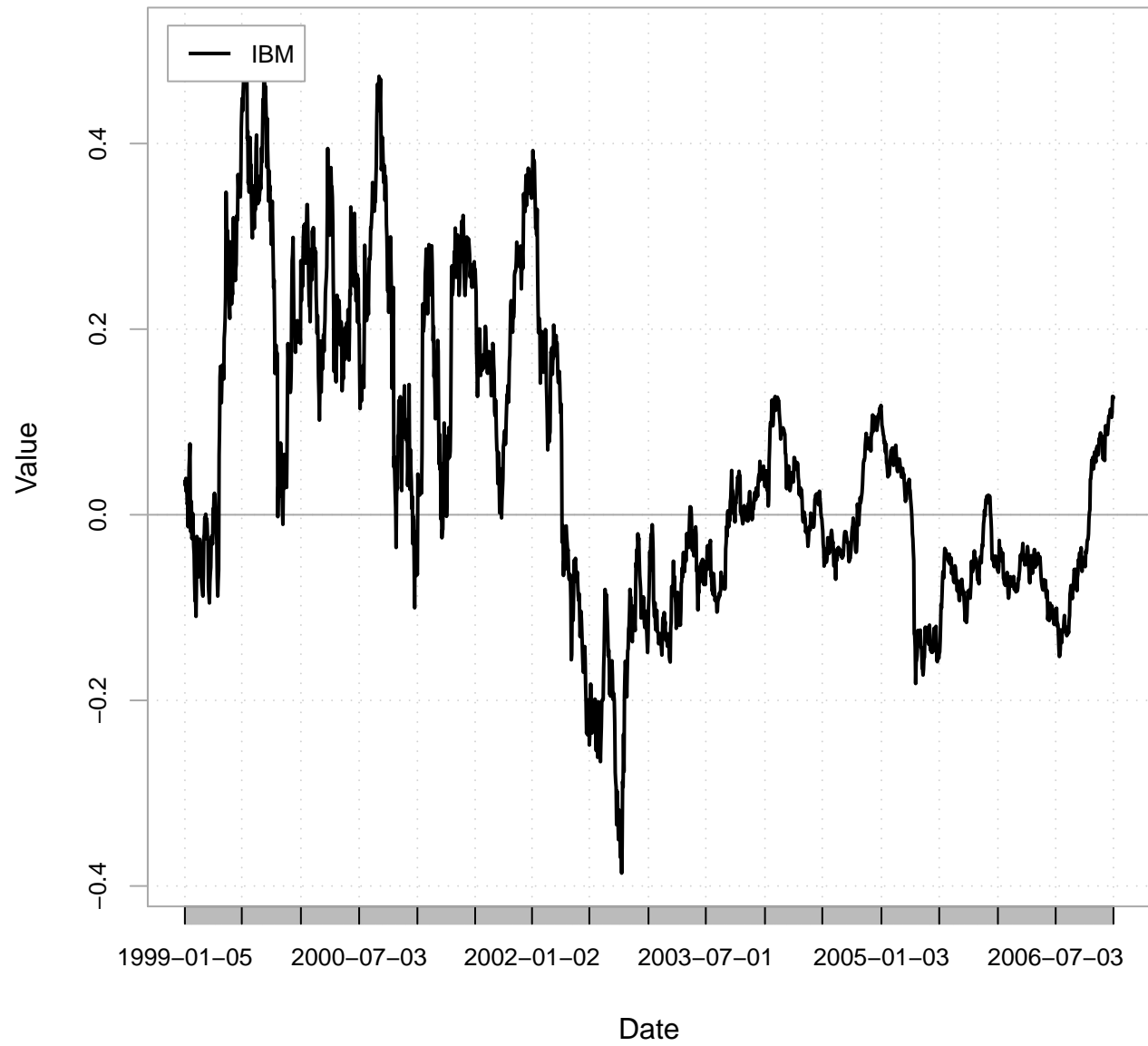


## Conditional Beta



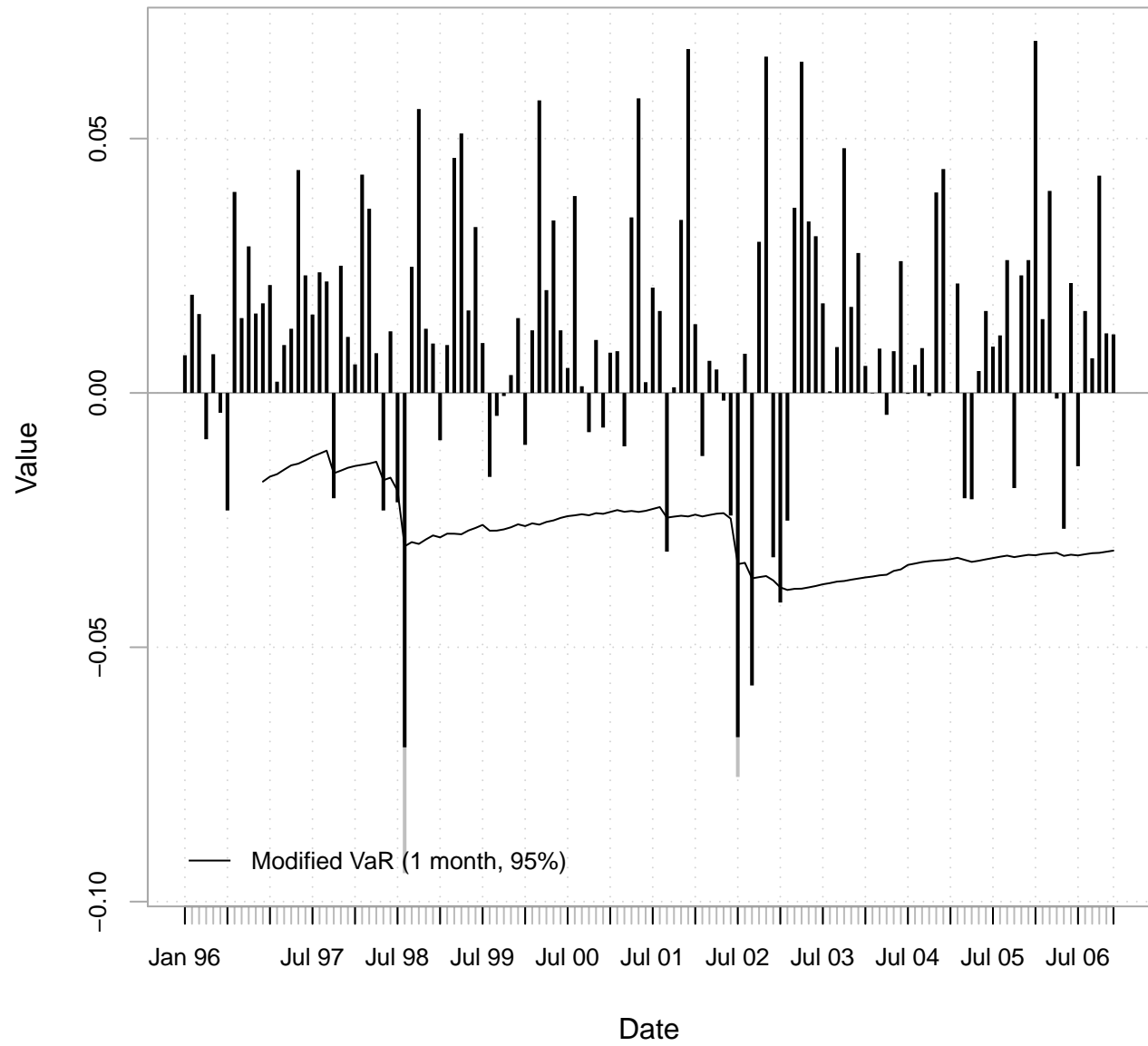
`help("CAPM.beta")`

## Cumulative Daily Returns for IBM



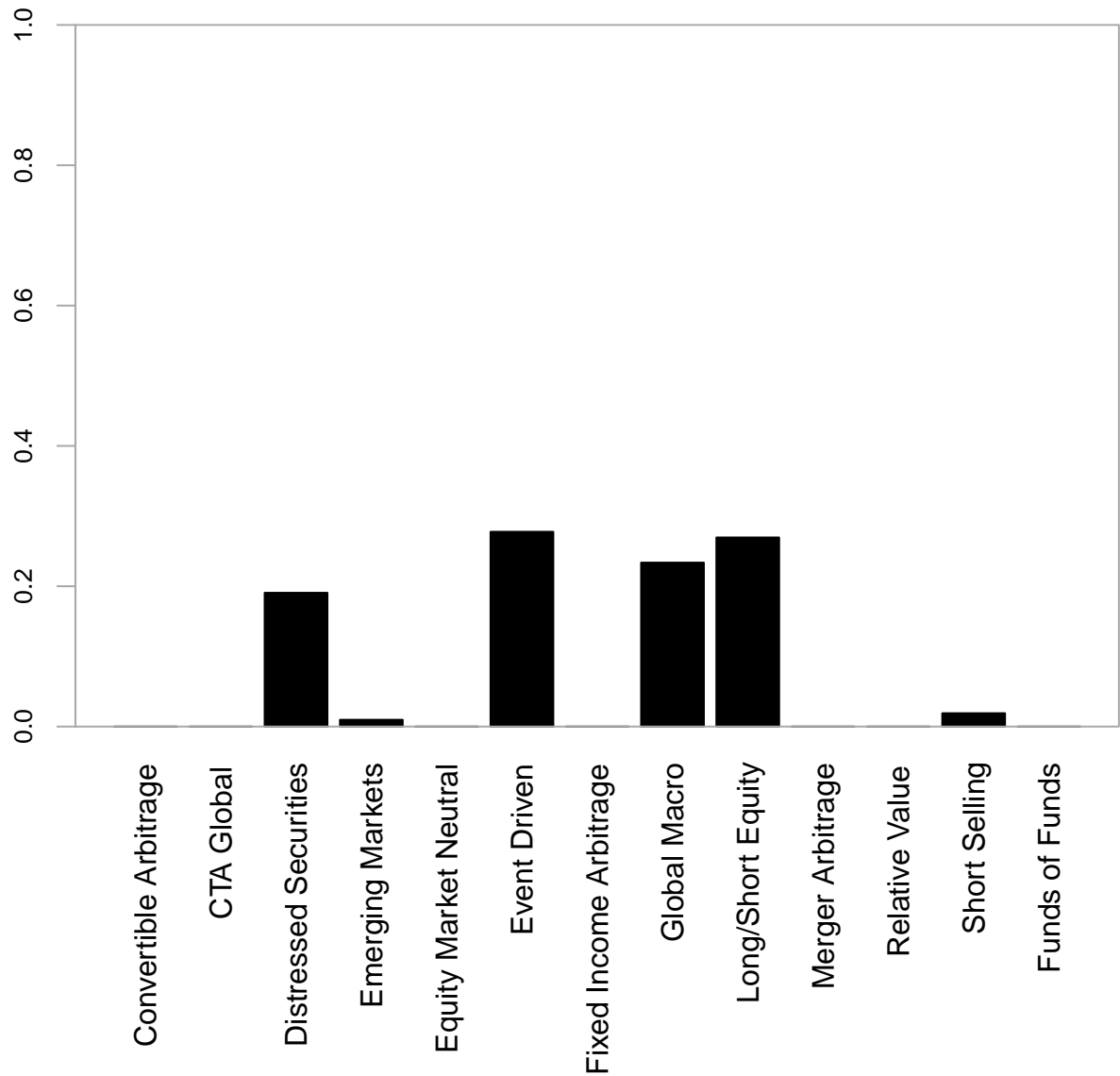
`help("Return.calculate")`

# HAM1



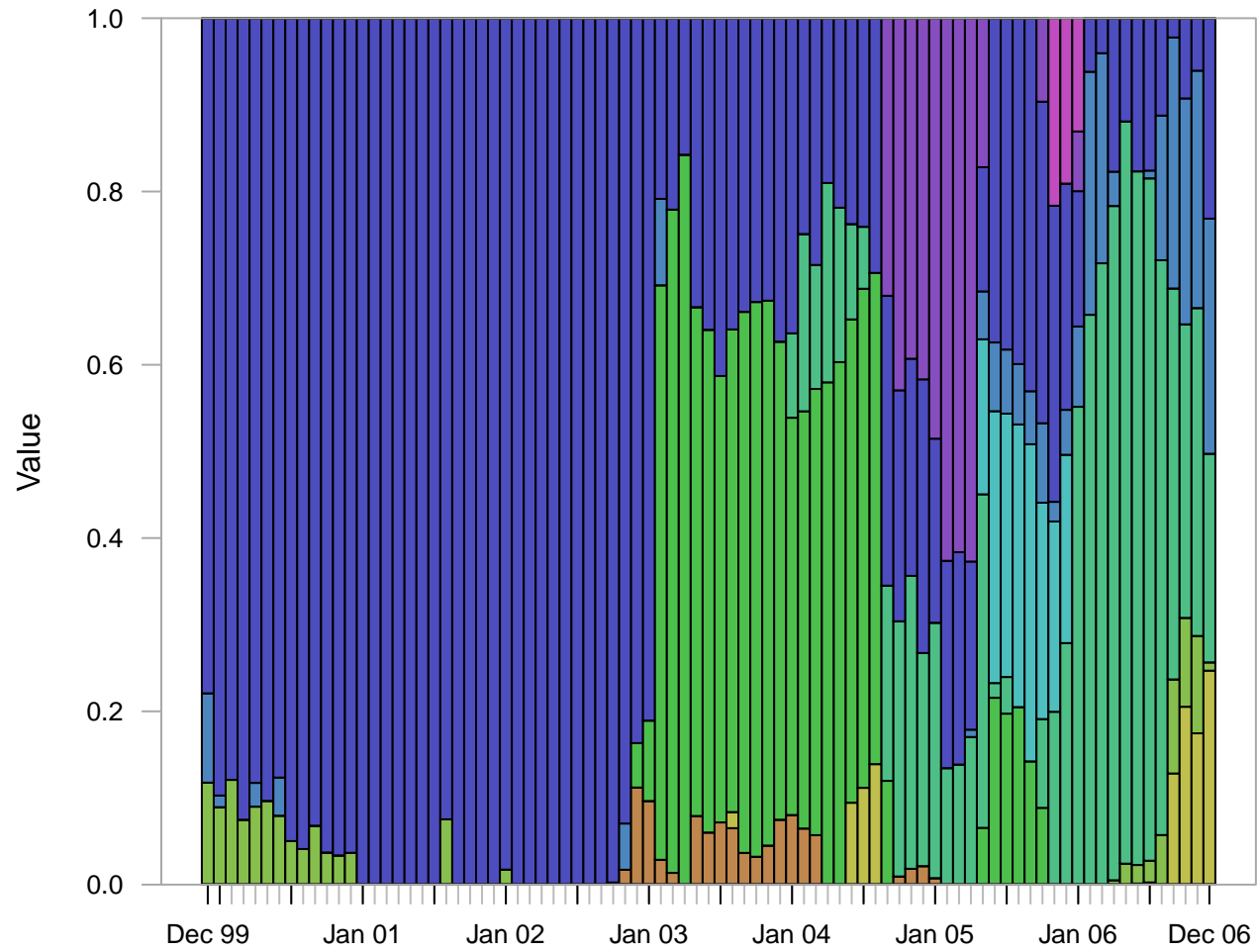
[help\("Return.clean"\)](#)

HAM2 Style Weights

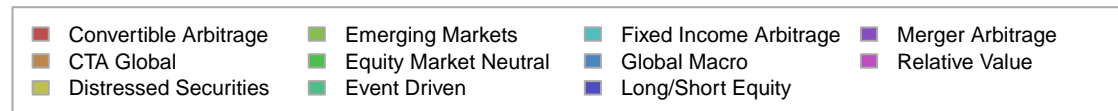


help("Style")

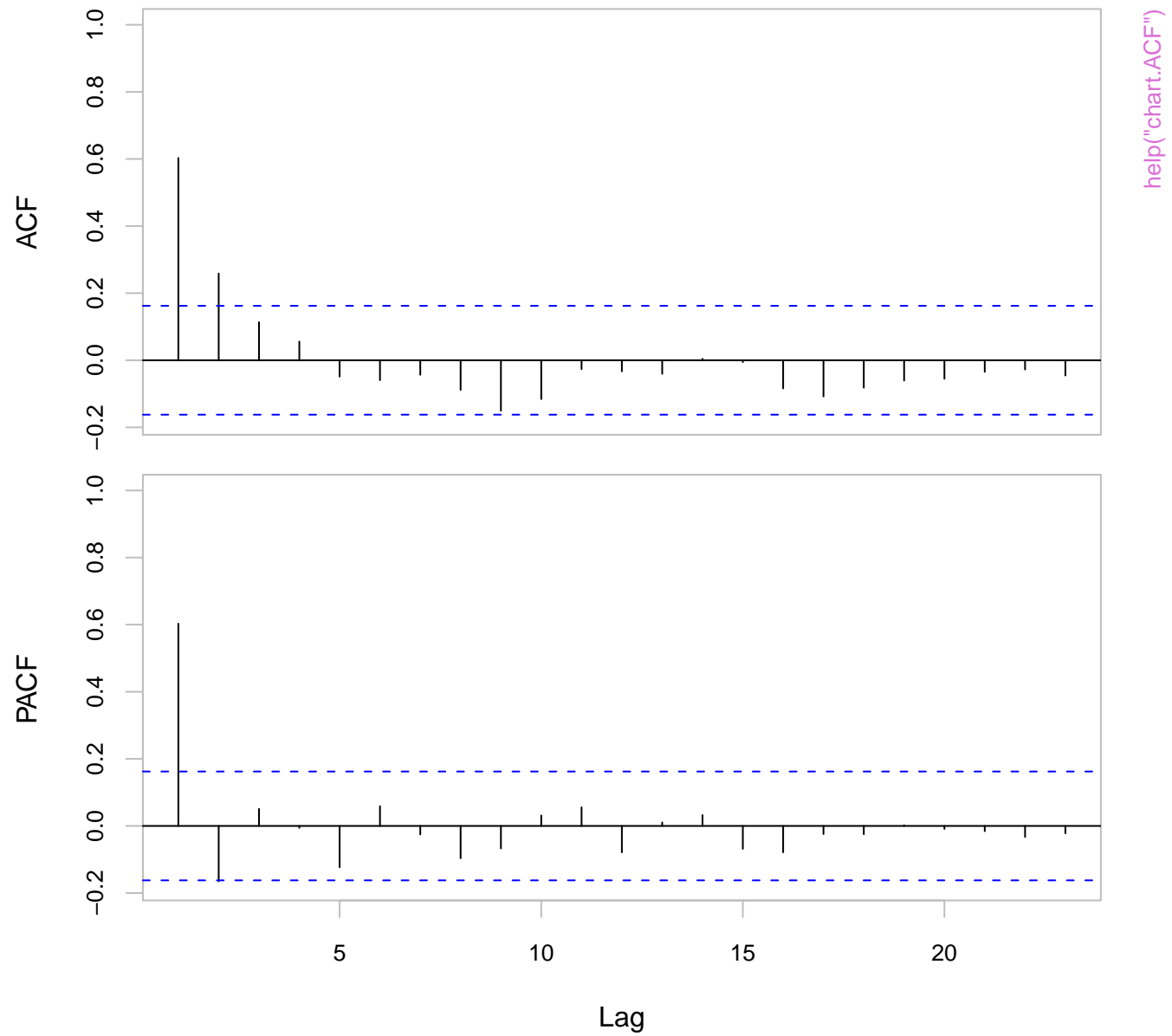
## HAM2 Rolling 36-month Style Weights



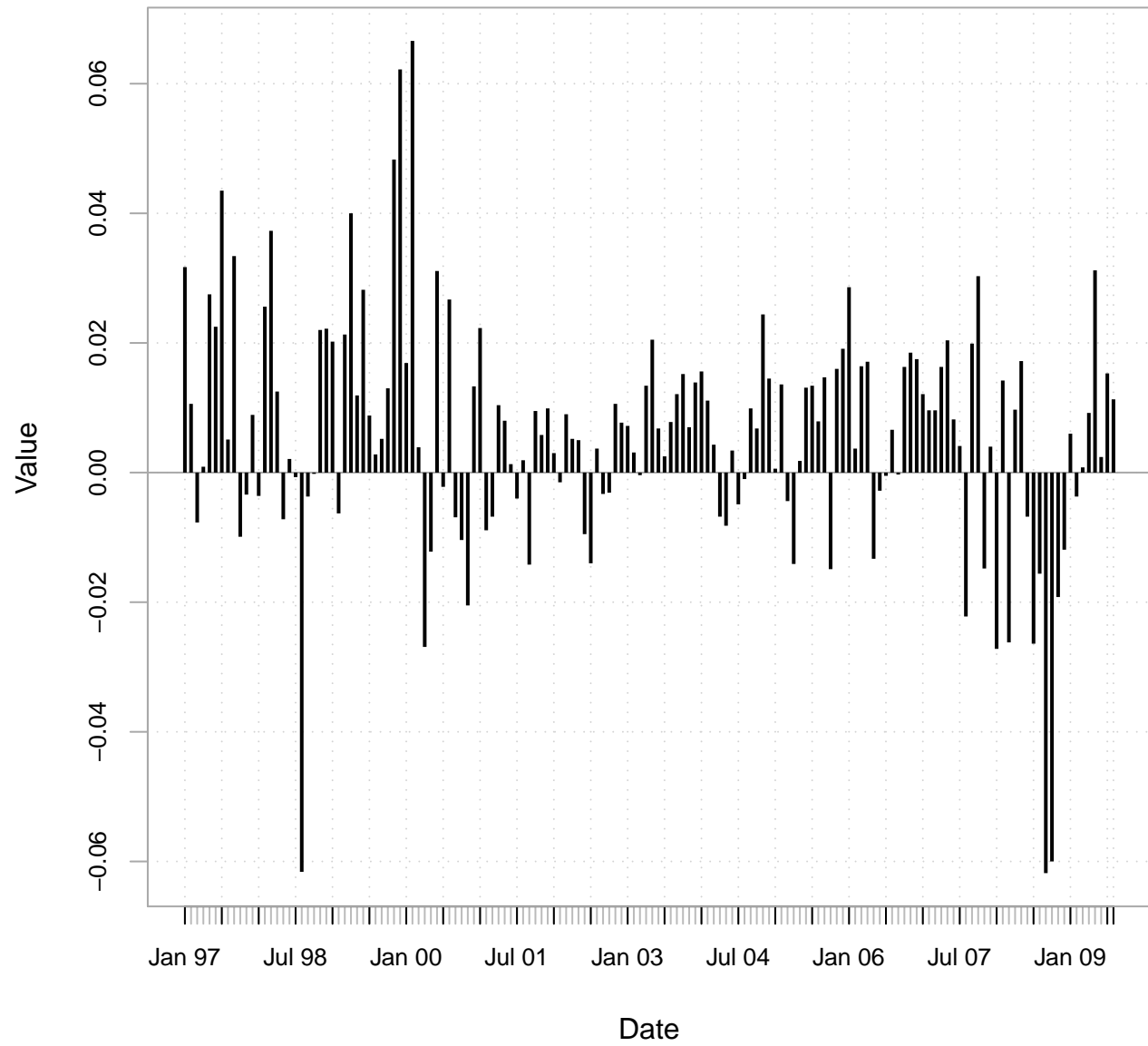
help("Style")



## Convertible Arbitrage

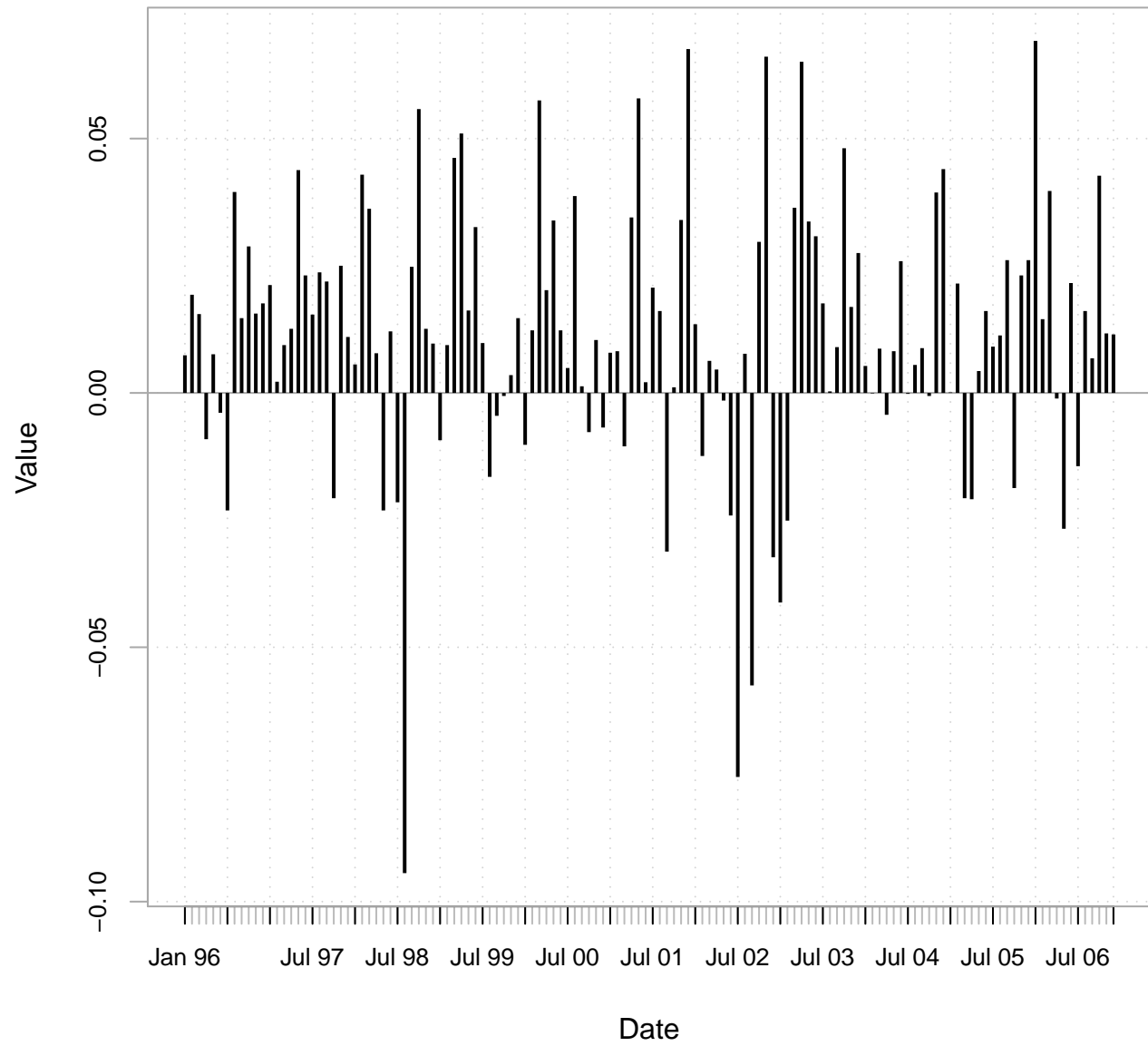


## Monthly Returns



[help\("chart.Bar"\)](#)

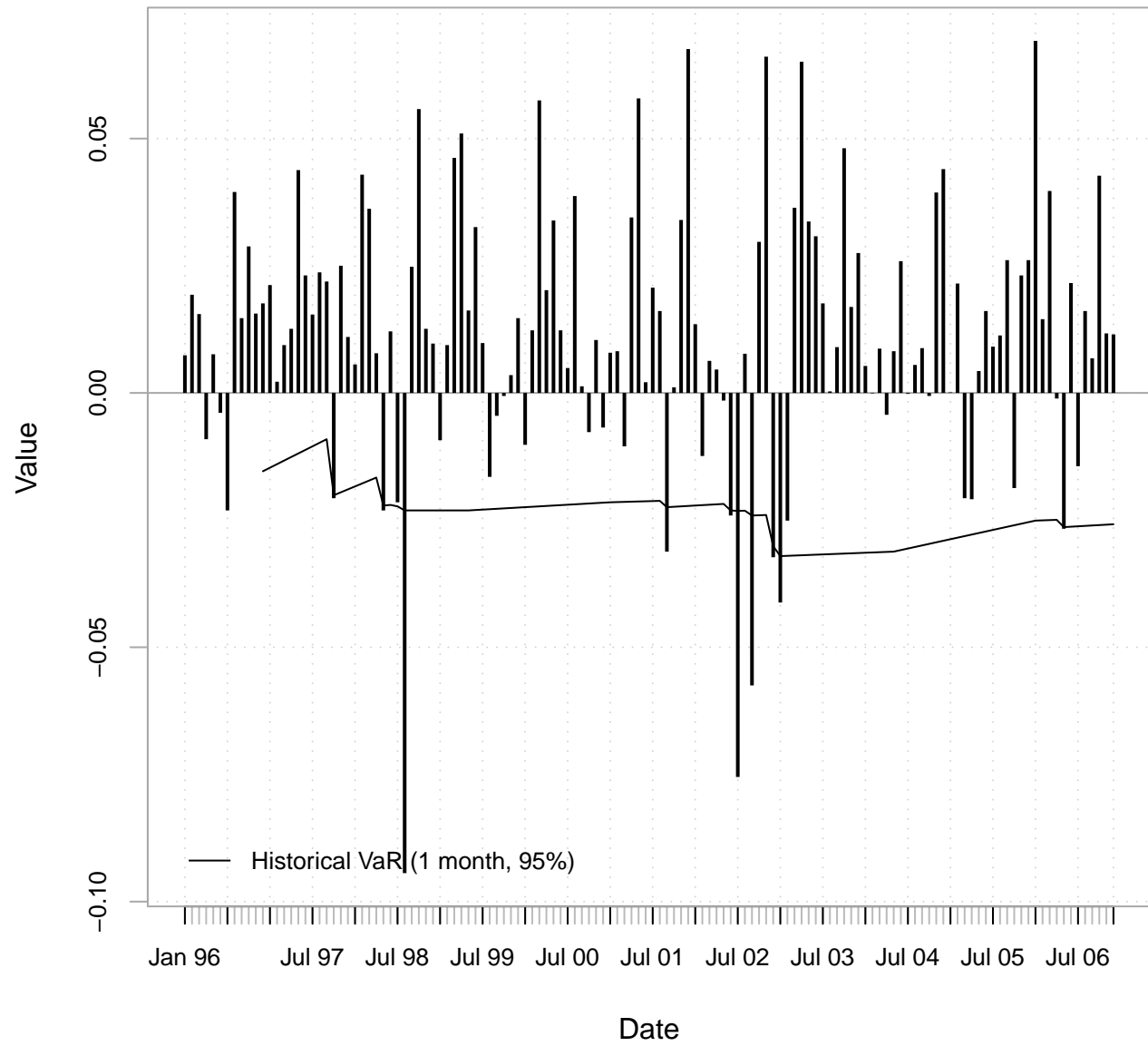
## Monthly Returns



[help\("chart.BarVaR"\)](#)

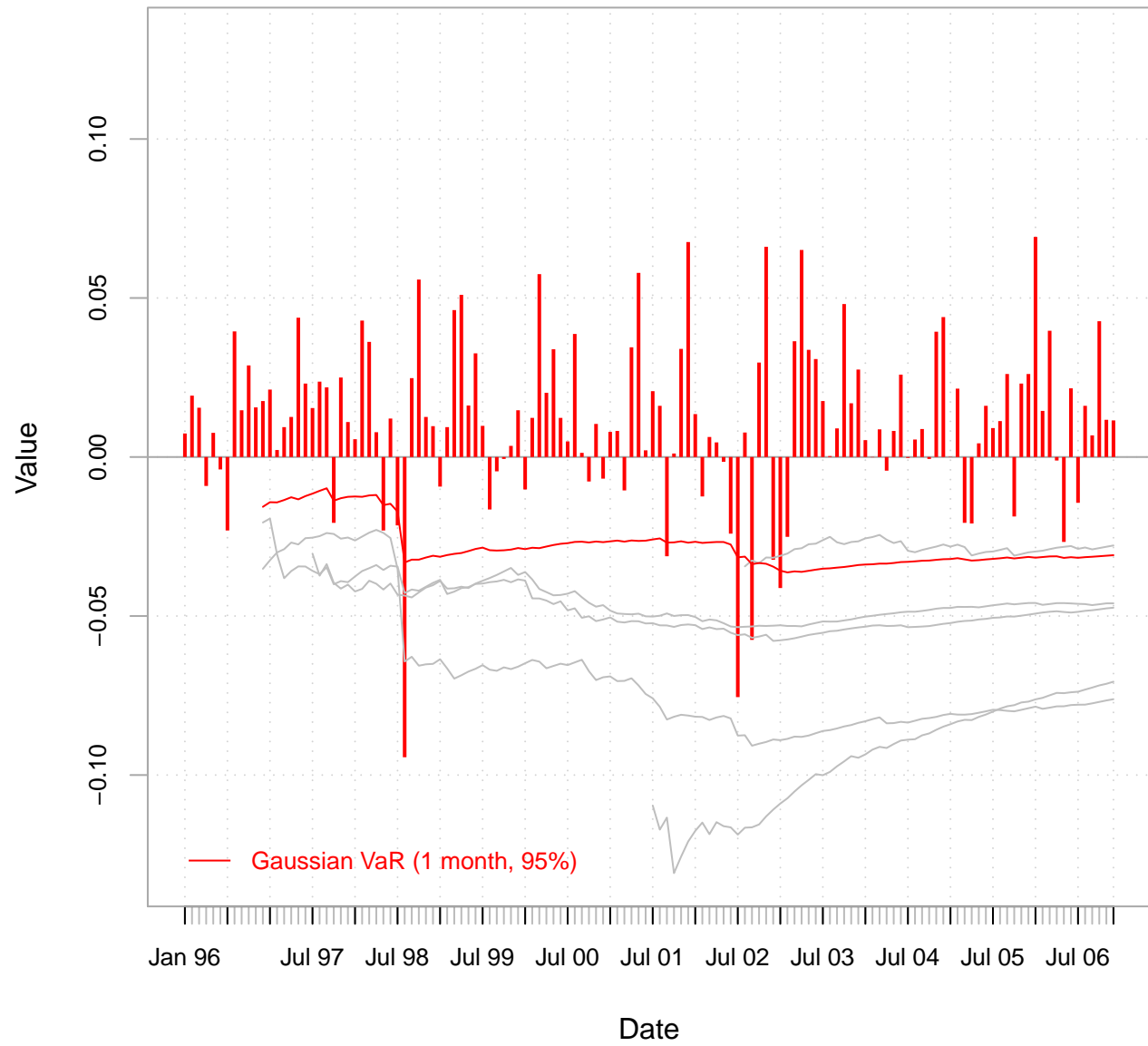


### ... with Empirical VaR from Inception



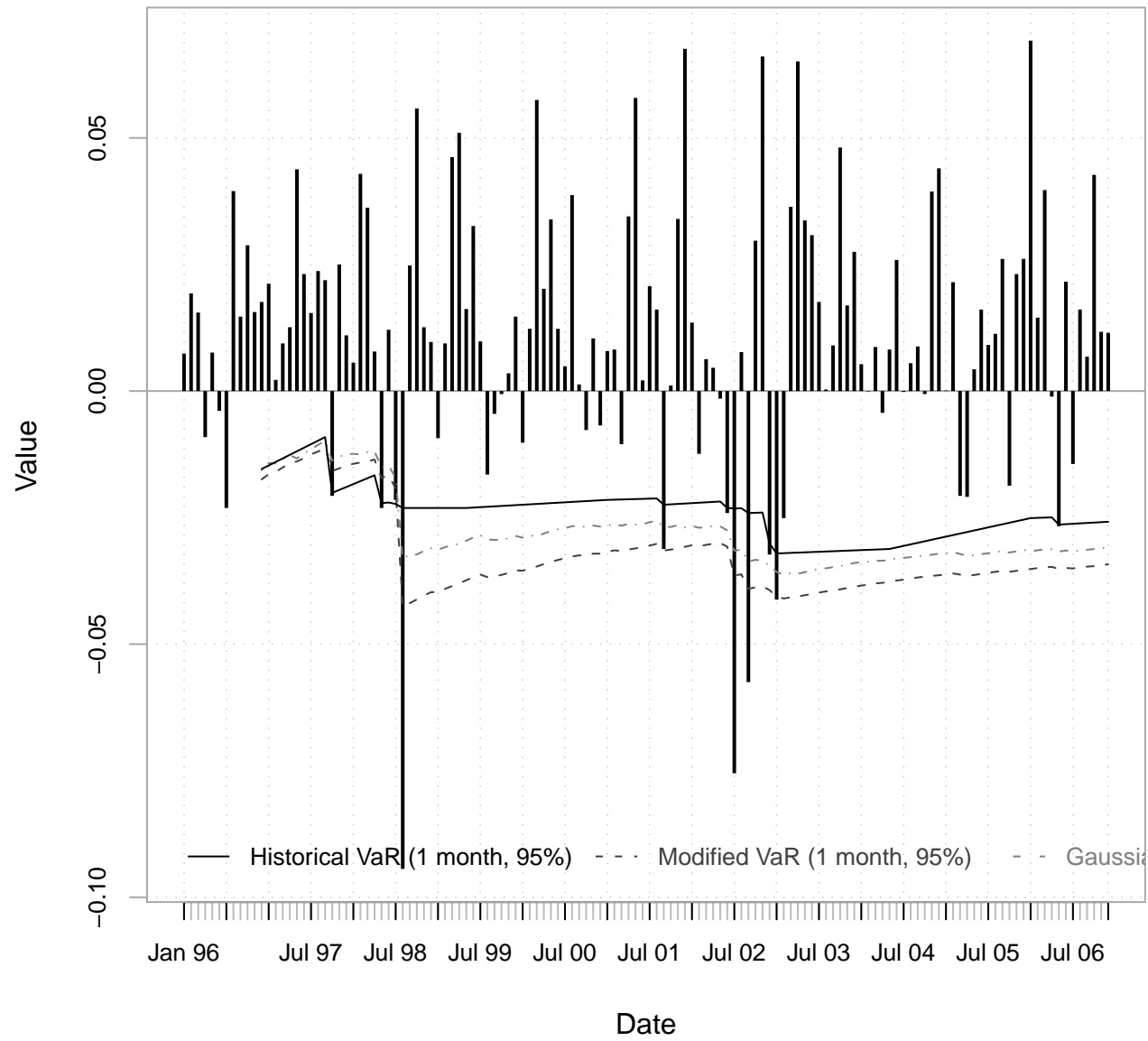
`help("chart.BarVaR")`

### ... with Gaussian VaR and Estimates for Peers



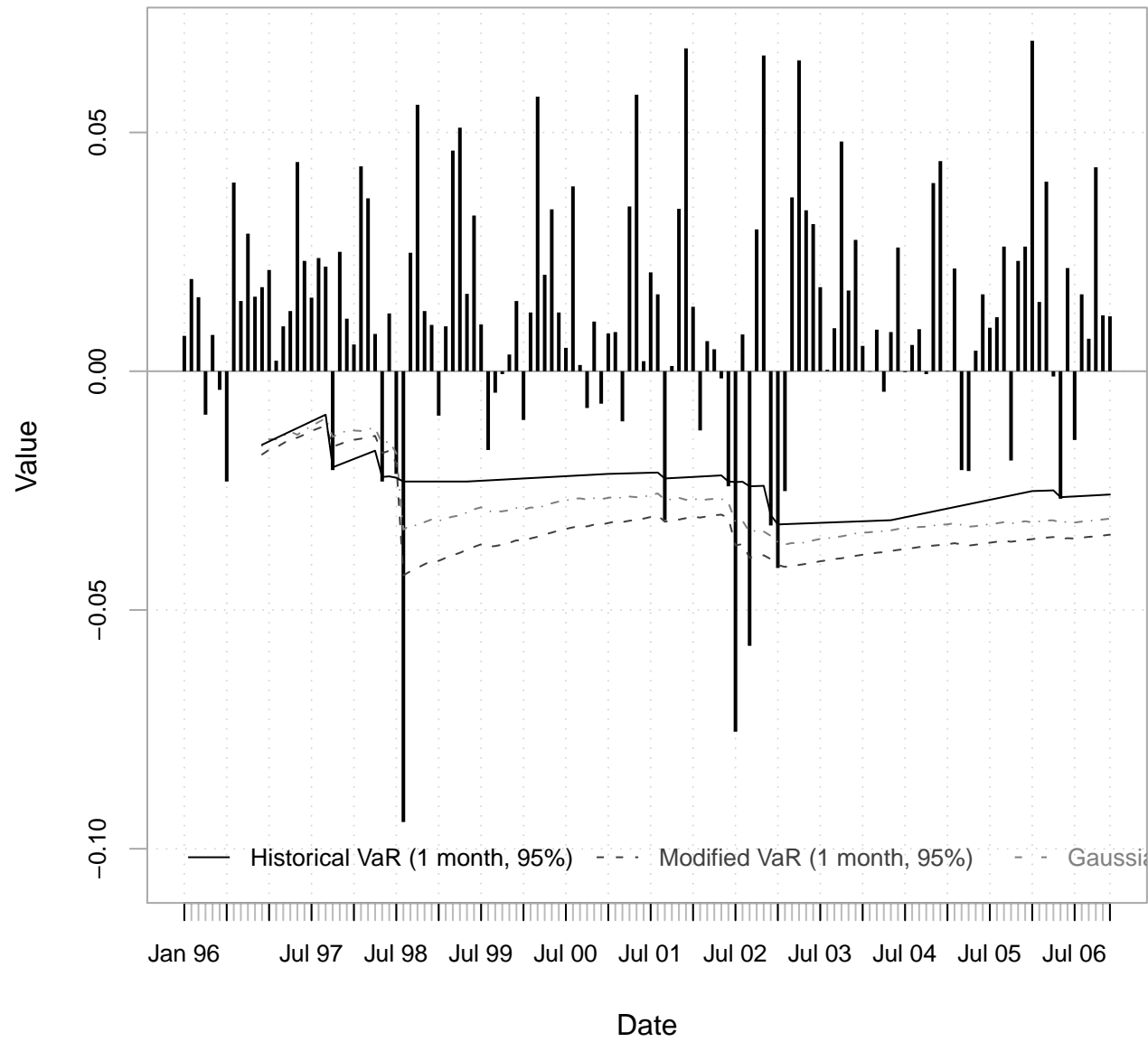
`help("chart.BarVaR")`

### ... with Multiple Methods



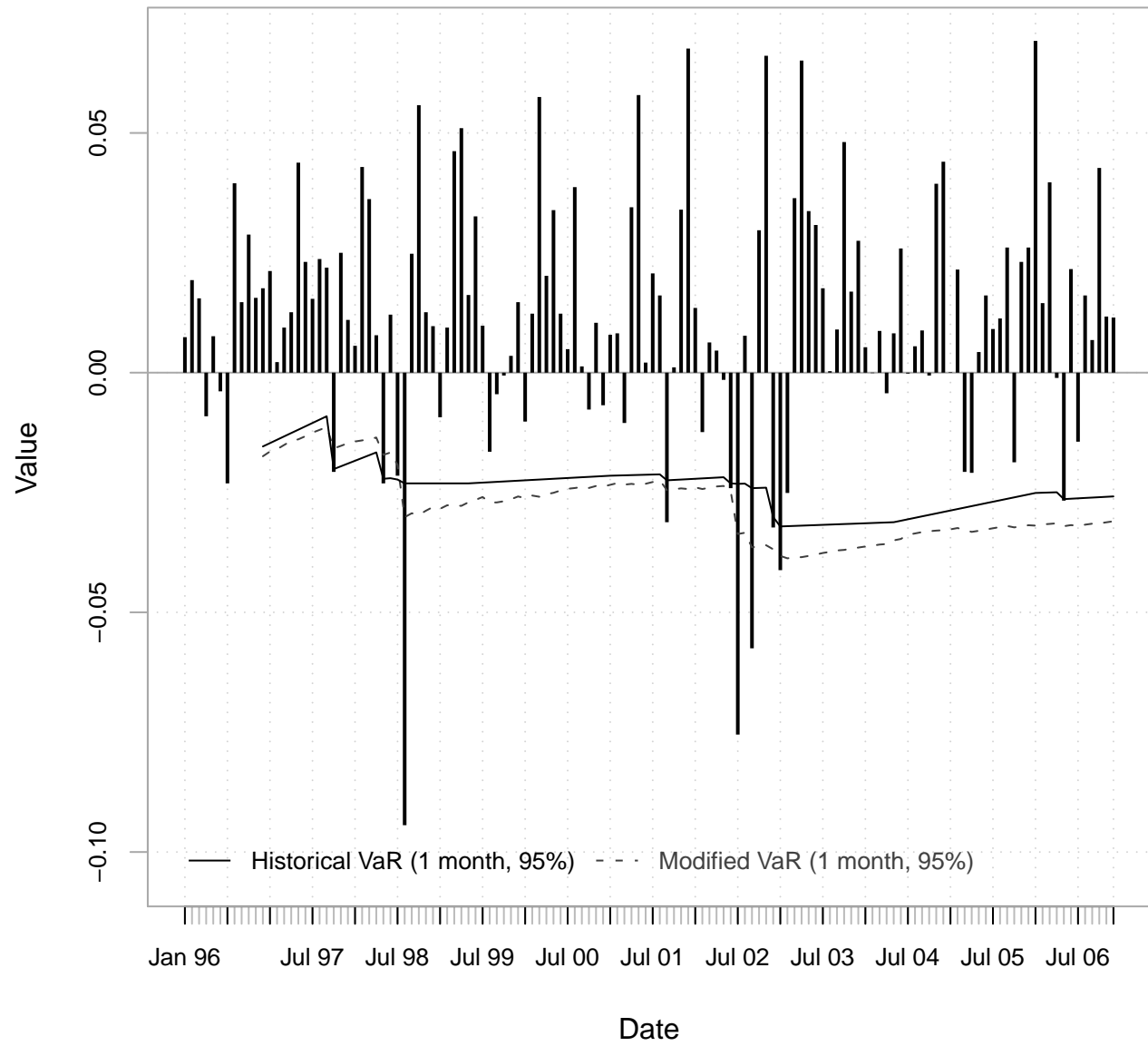
`help("chart.BarVaR")`

### ... with Padding for Bottom Legend



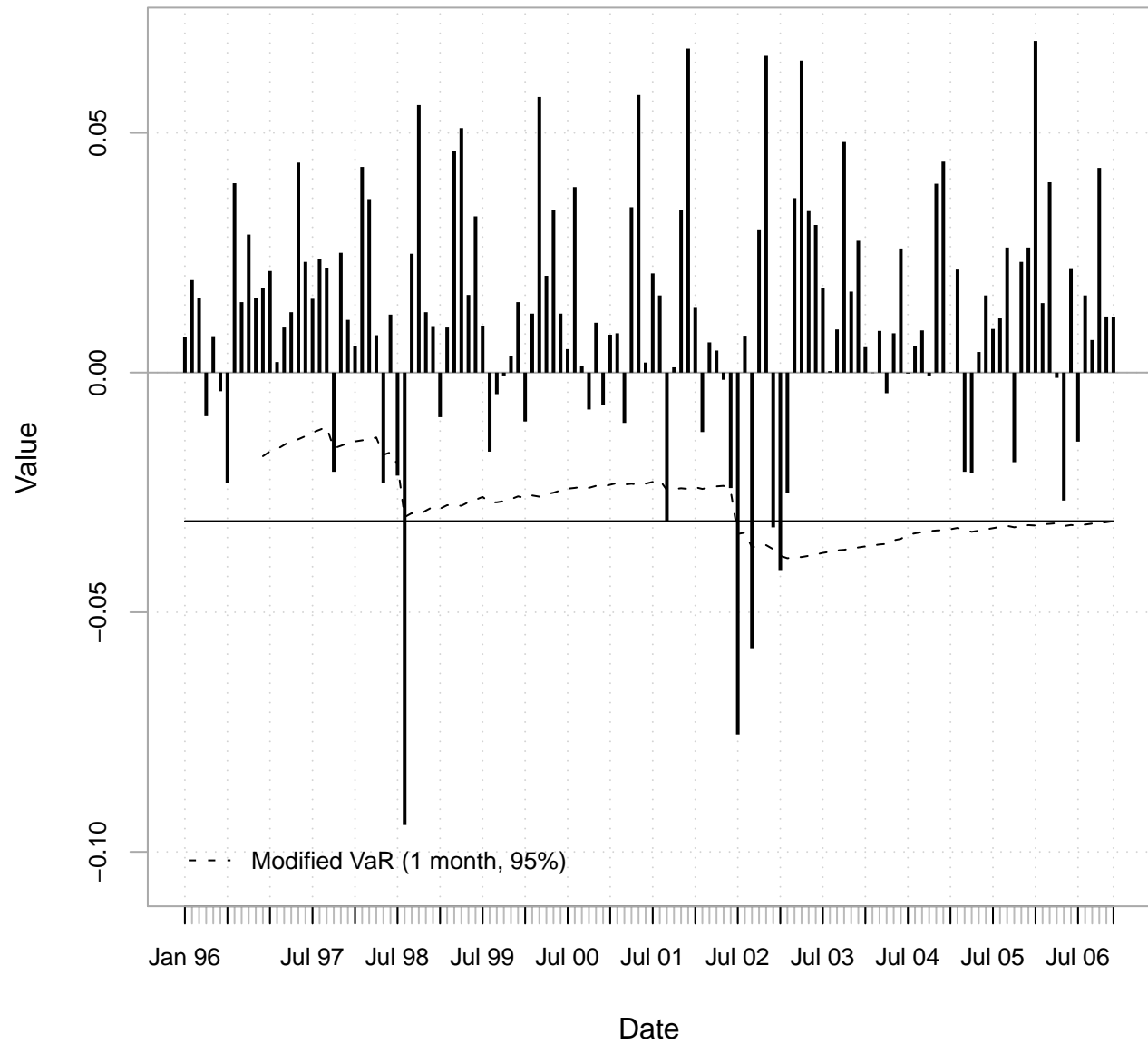
`help("chart.BarVaR")`

### ... with Robust ModVaR Estimate



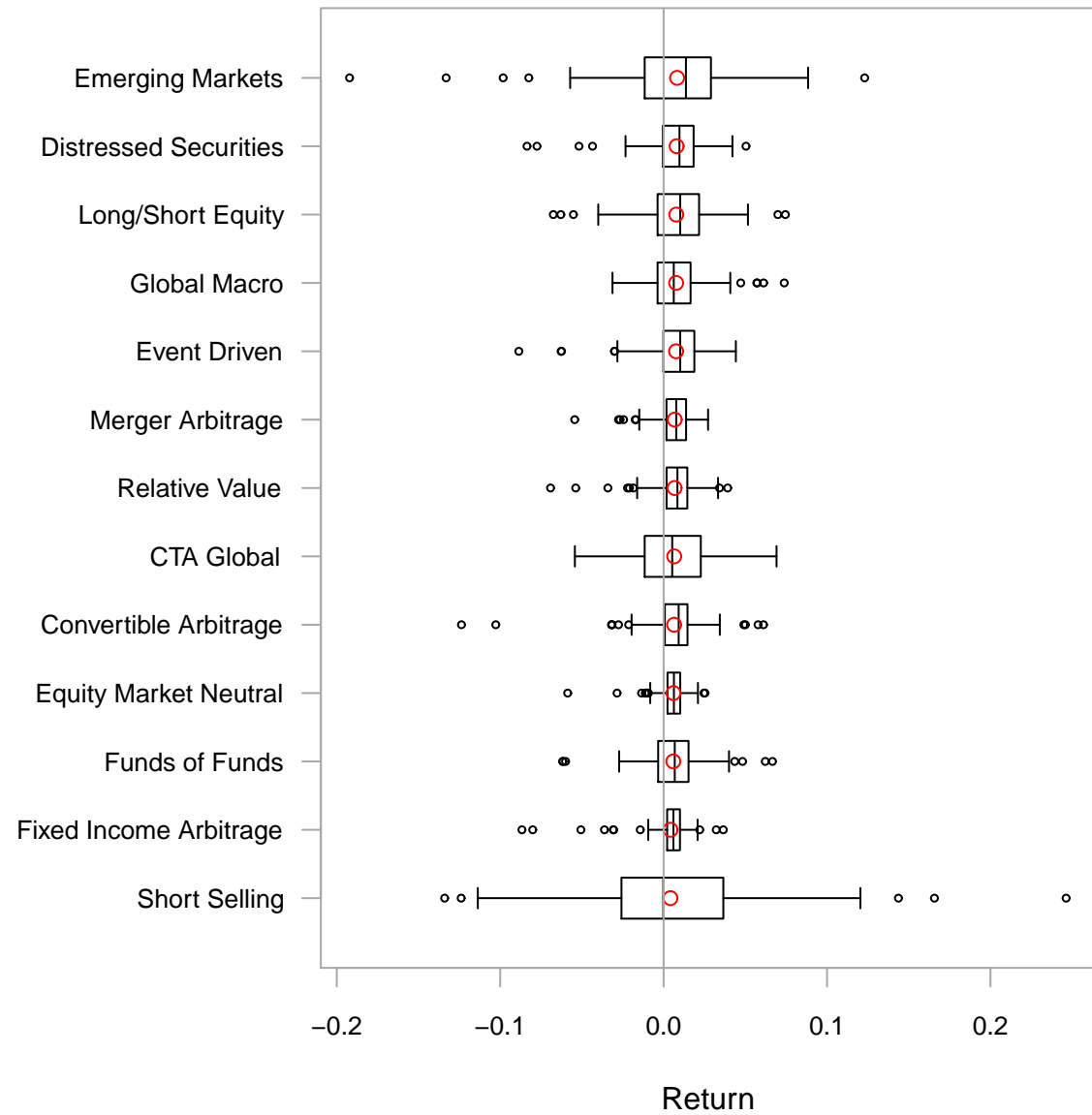
`help("chart.BarVaR")`

## ... with Robust ModVaR and Line for Identifying Exceptions



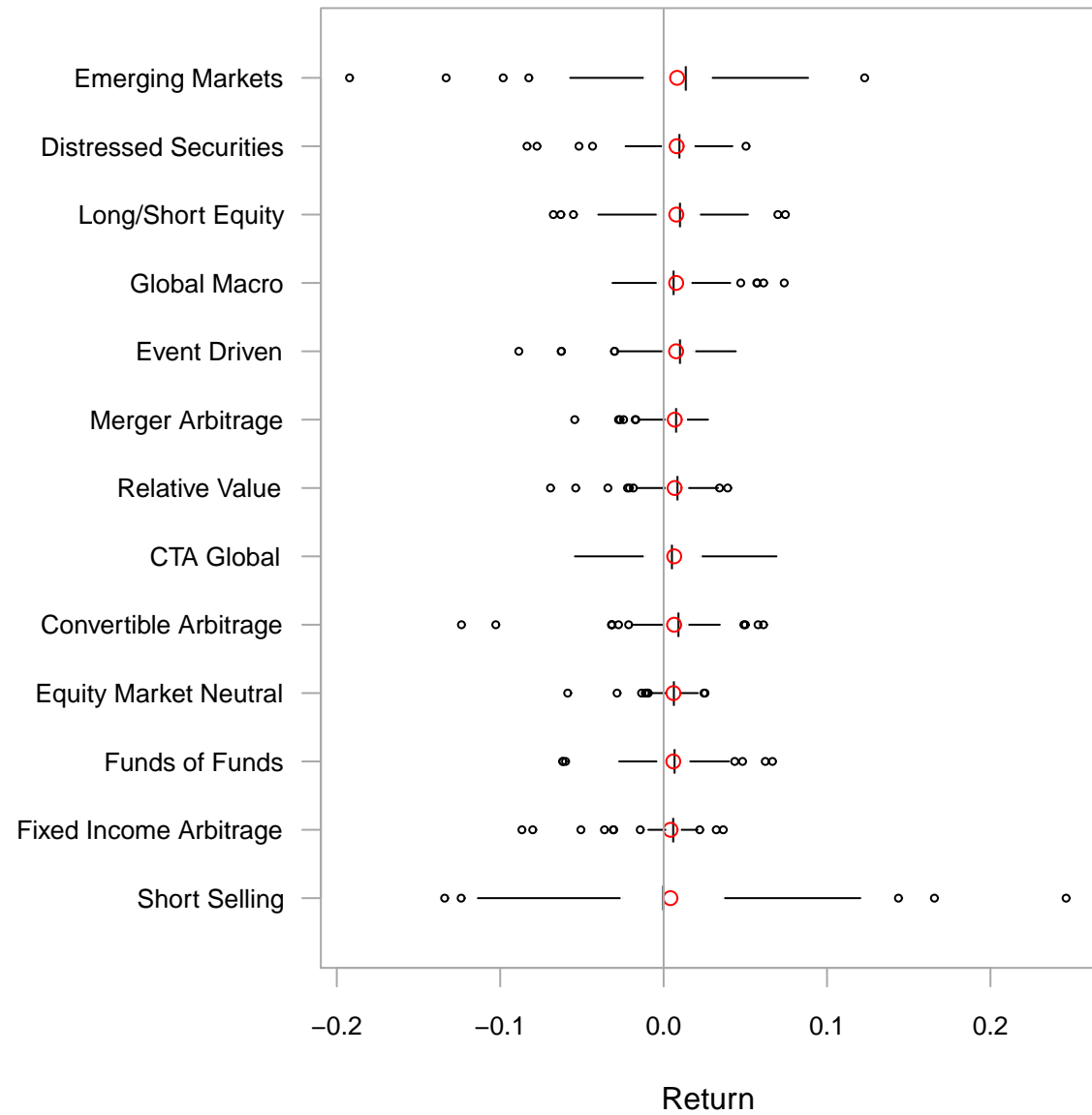
`help("chart.BarVaR")`

## Return Distribution Comparison



help("chart.Boxplot")

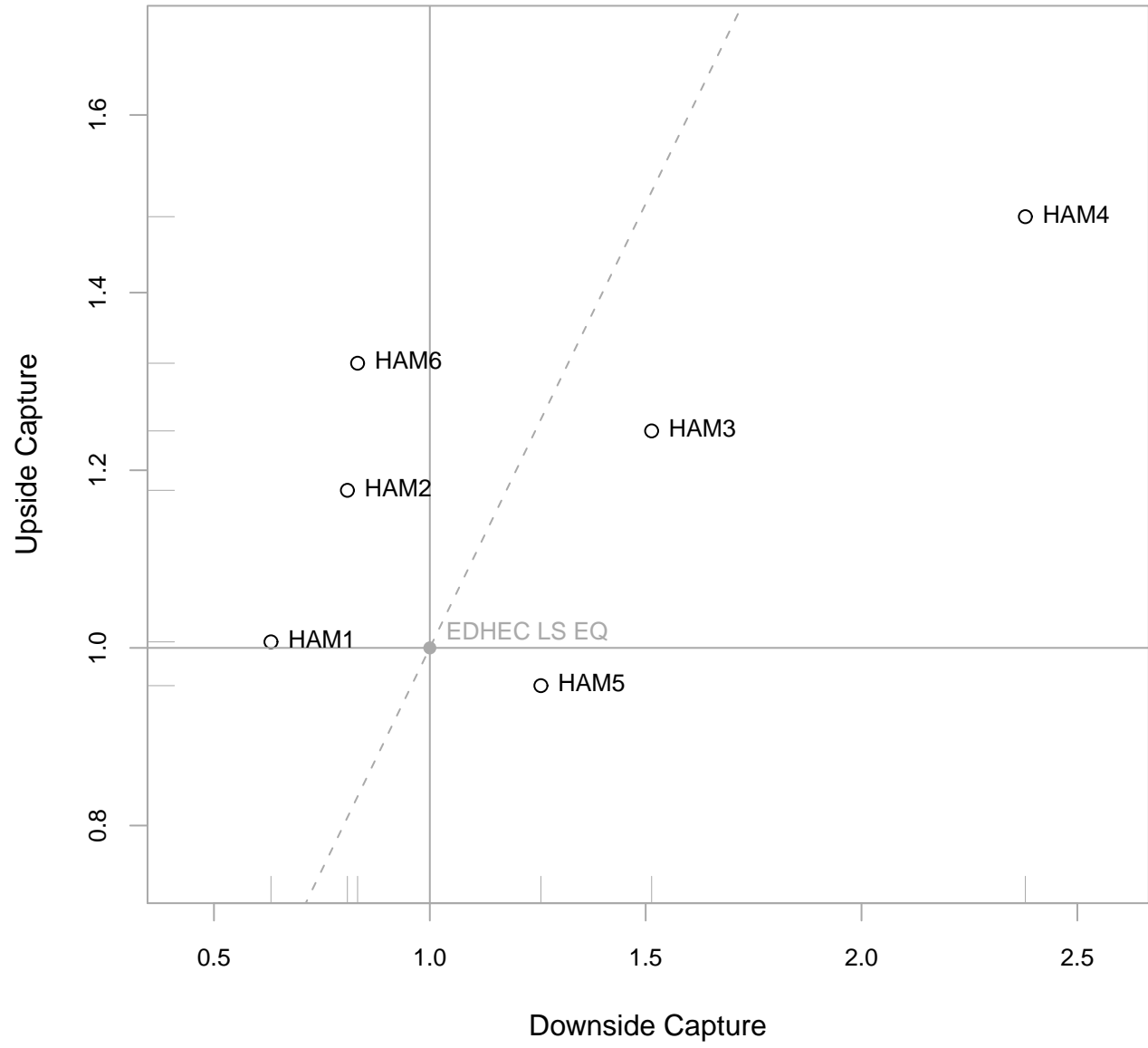
## Return Distribution Comparison



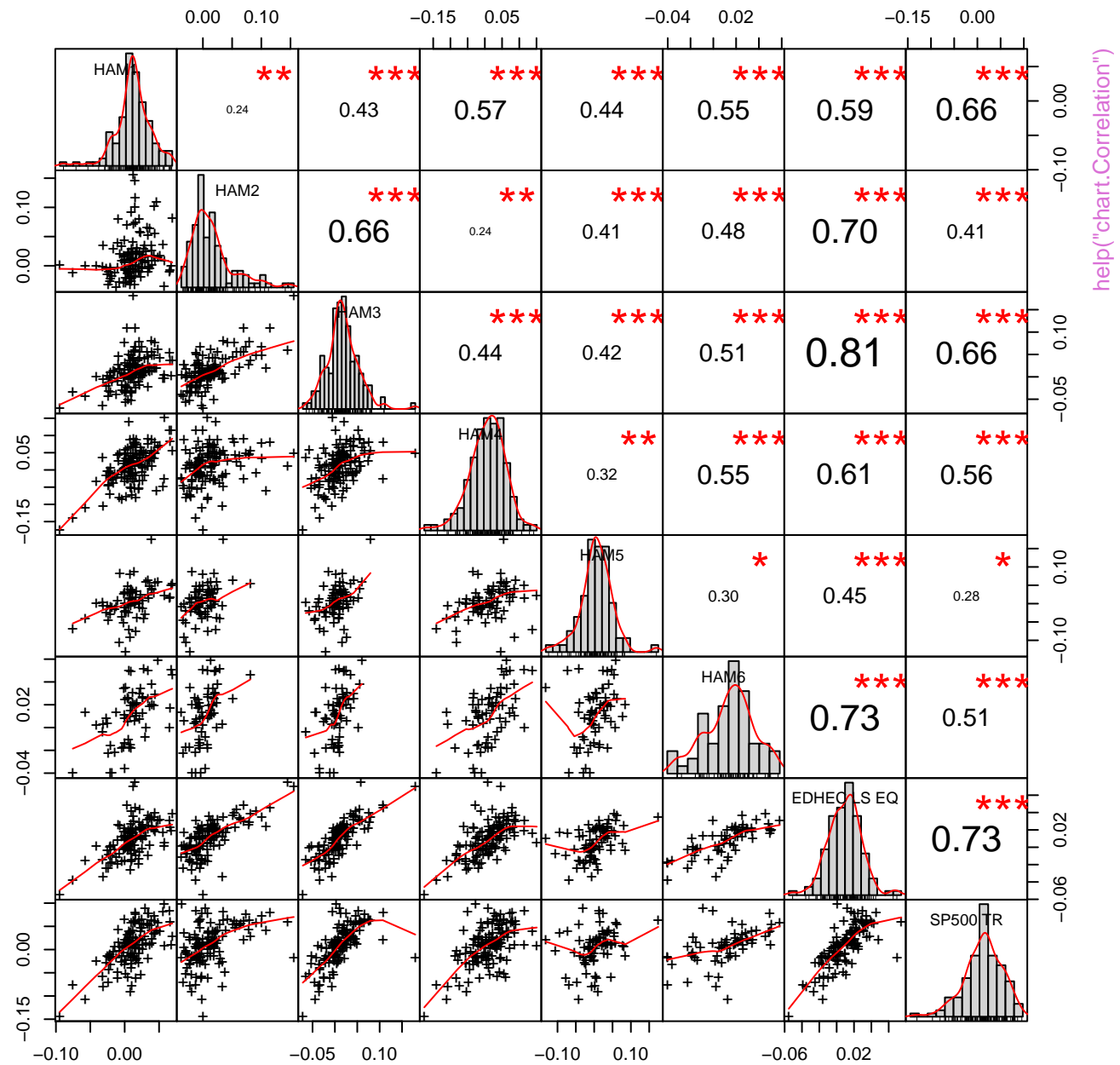
help("chart.Boxplot")



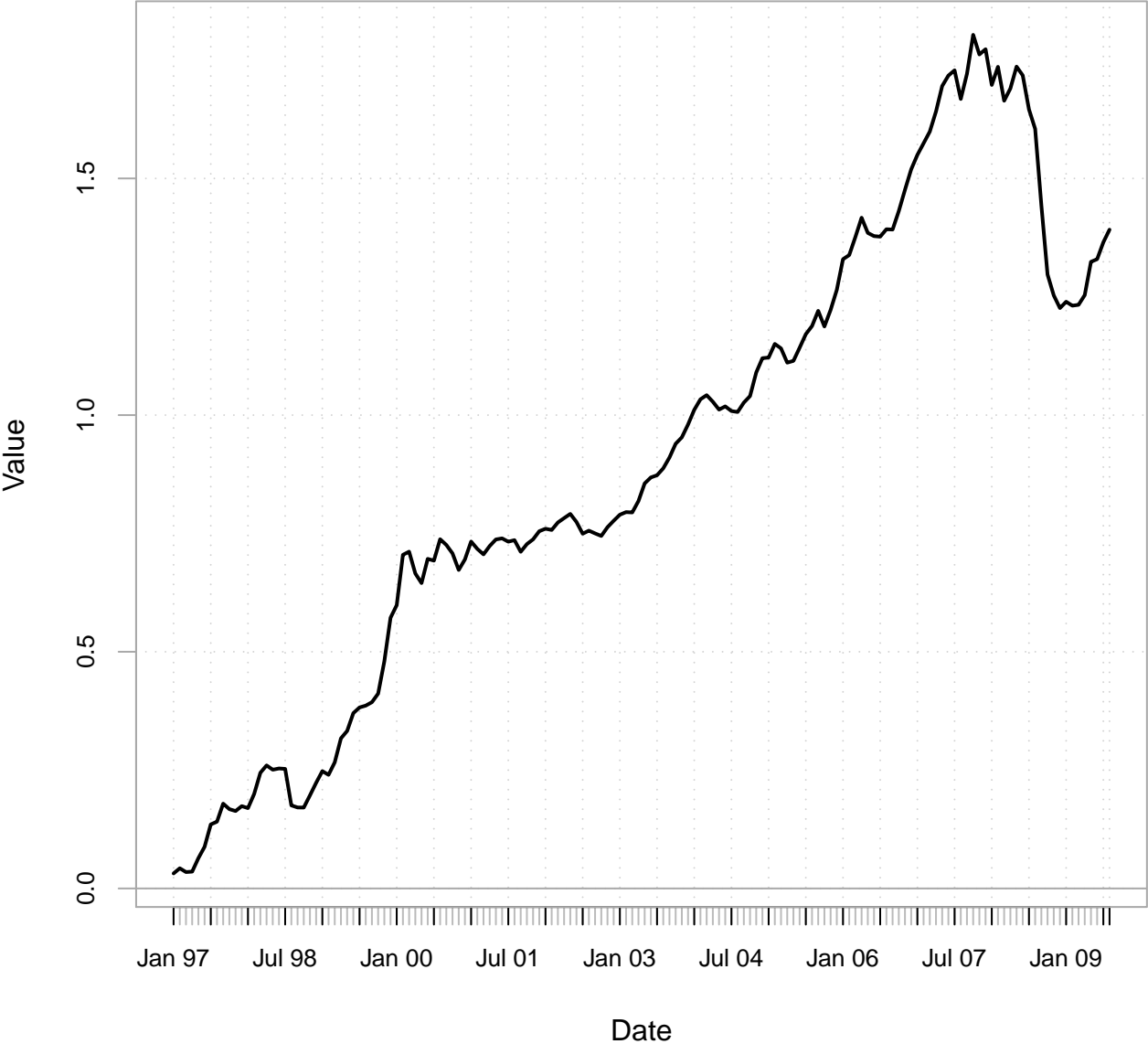
# Capture Ratio



help("chart.CaptureRatios")

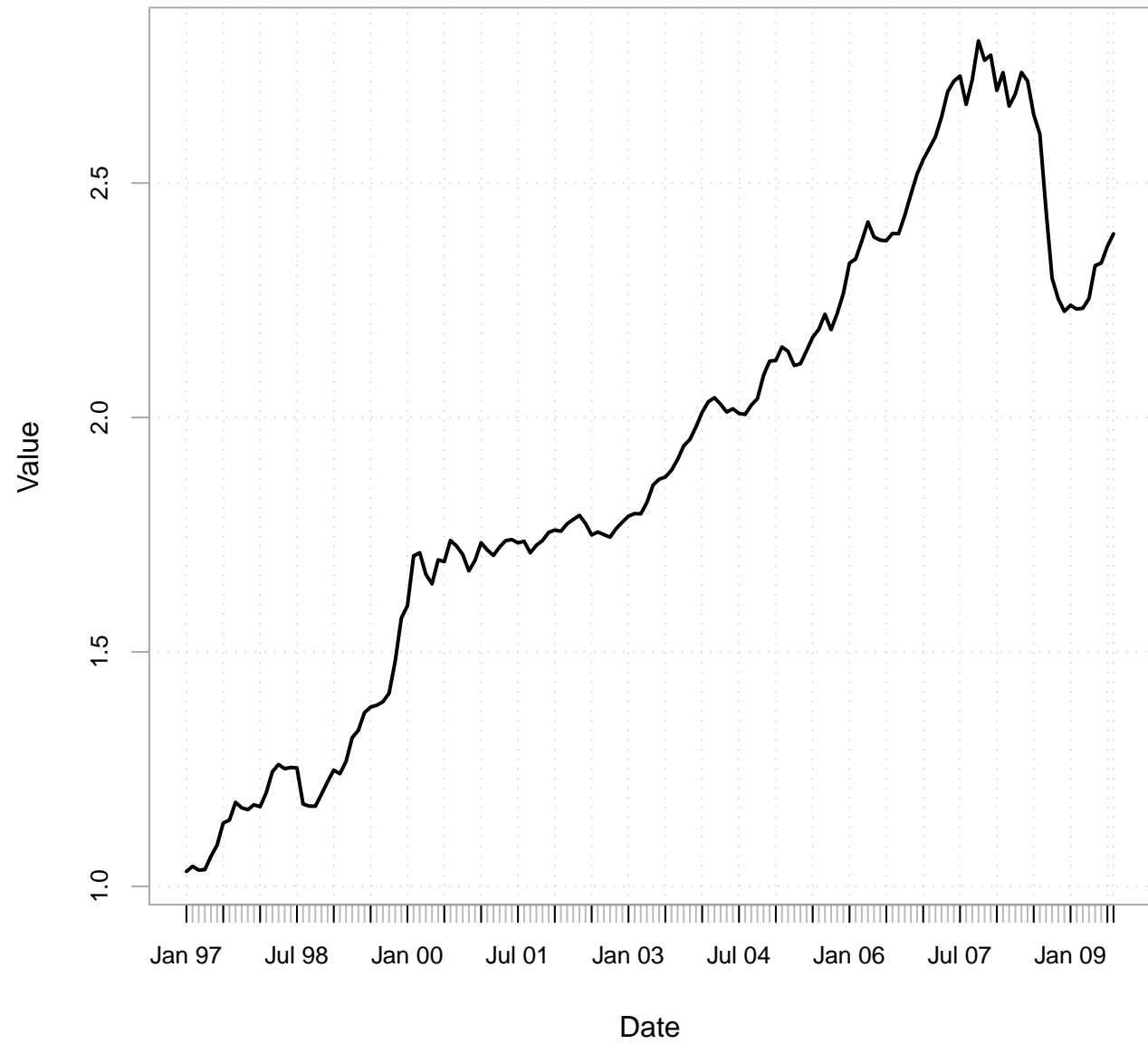


Cumulative Returns



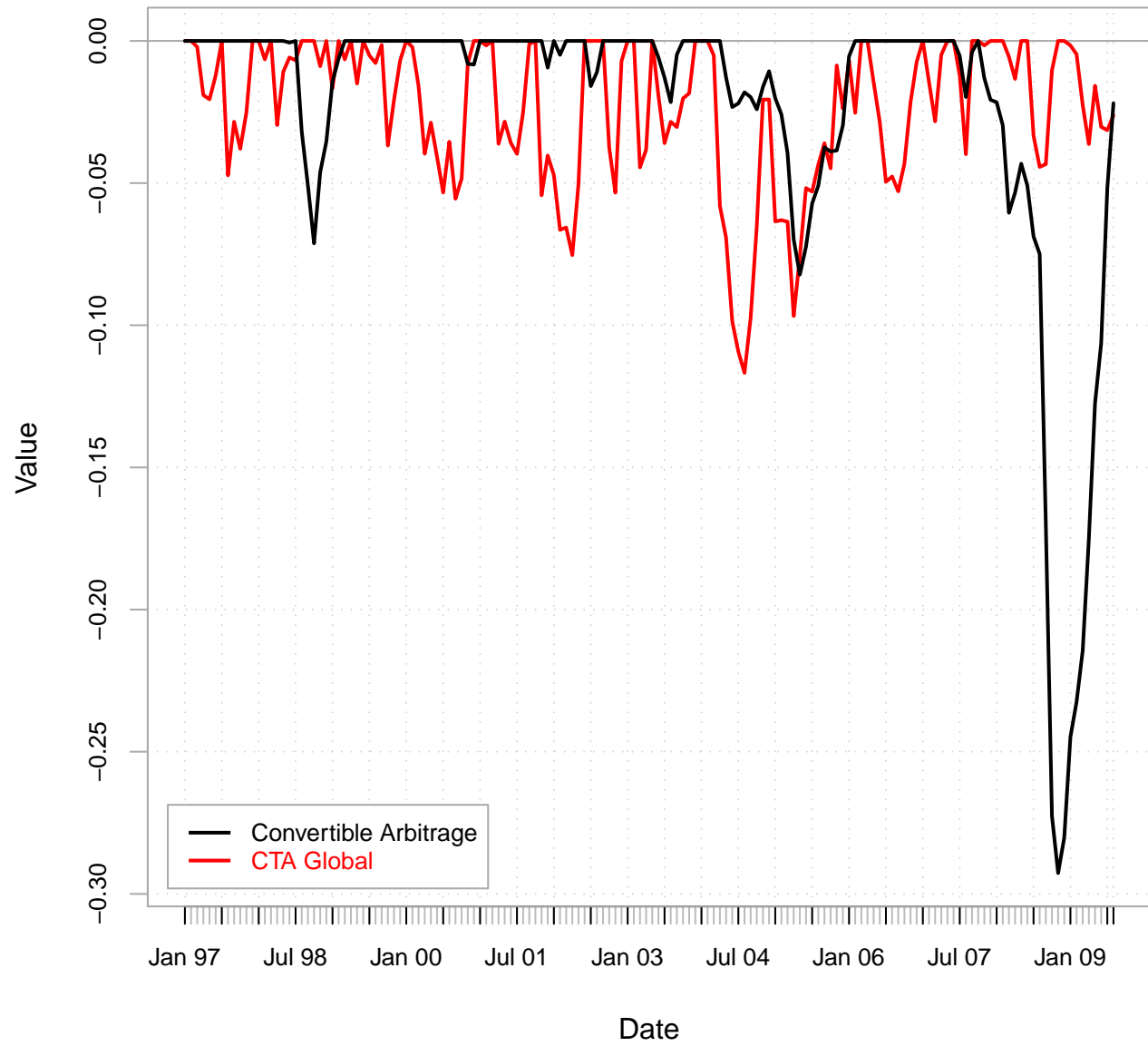
help("chart.CumReturns")

## Value of \$1



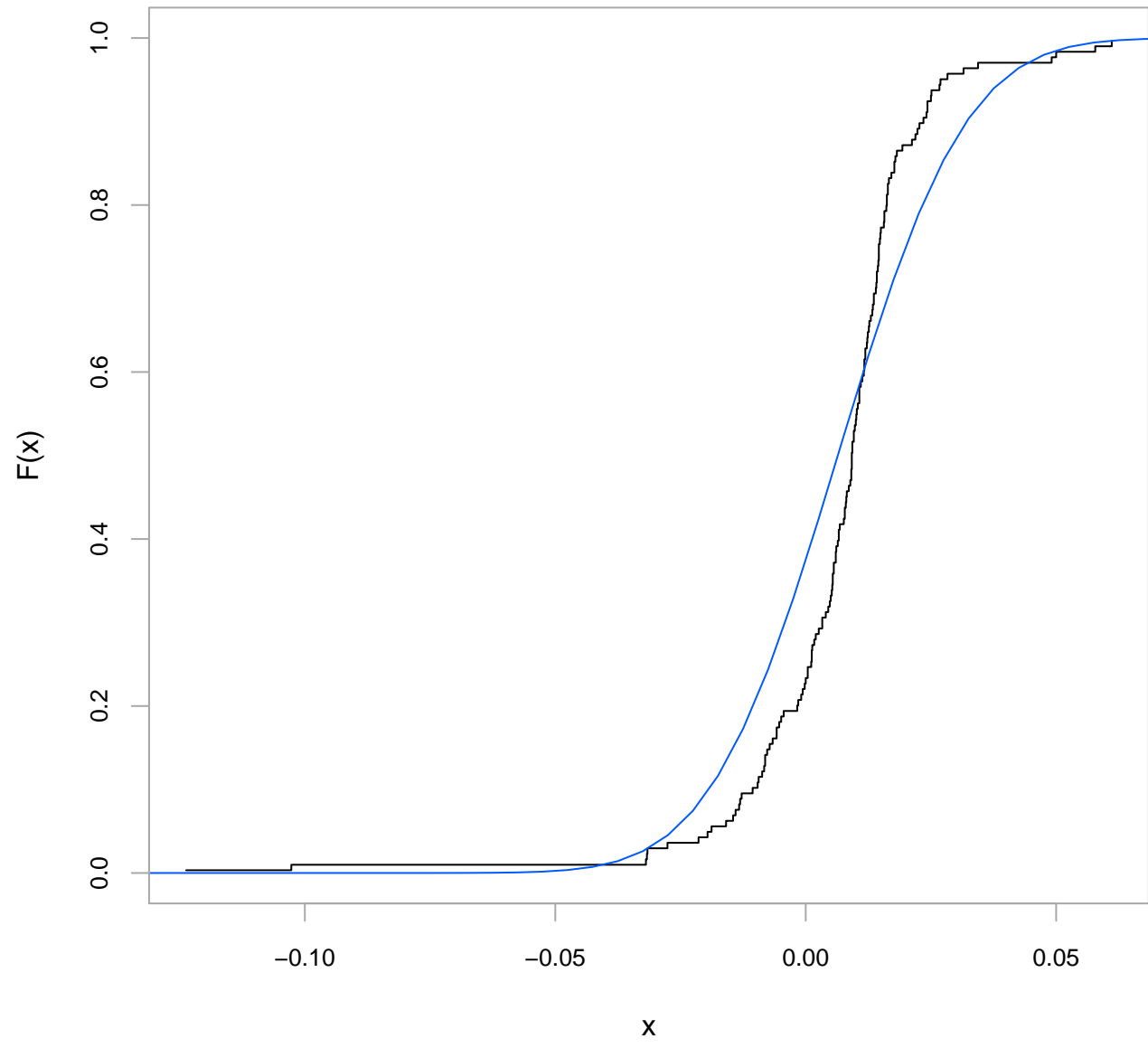
[help\("chart.CumReturns"\)](#)

## Drawdown from Peak Equity Attained



help("chart.Drawdown")

## Empirical CDF

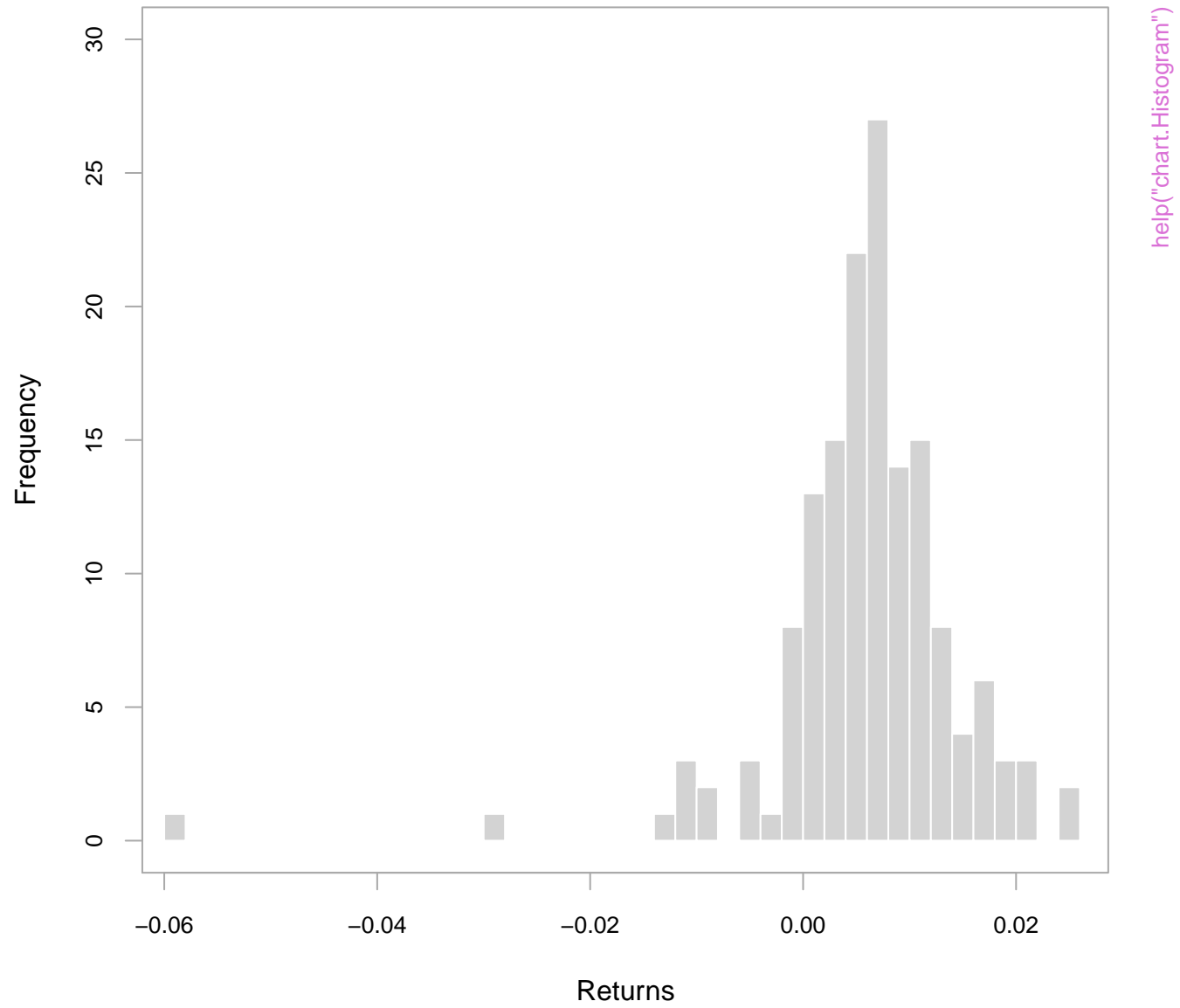


`help("chart.ECDF")`

## Worst Drawdowns

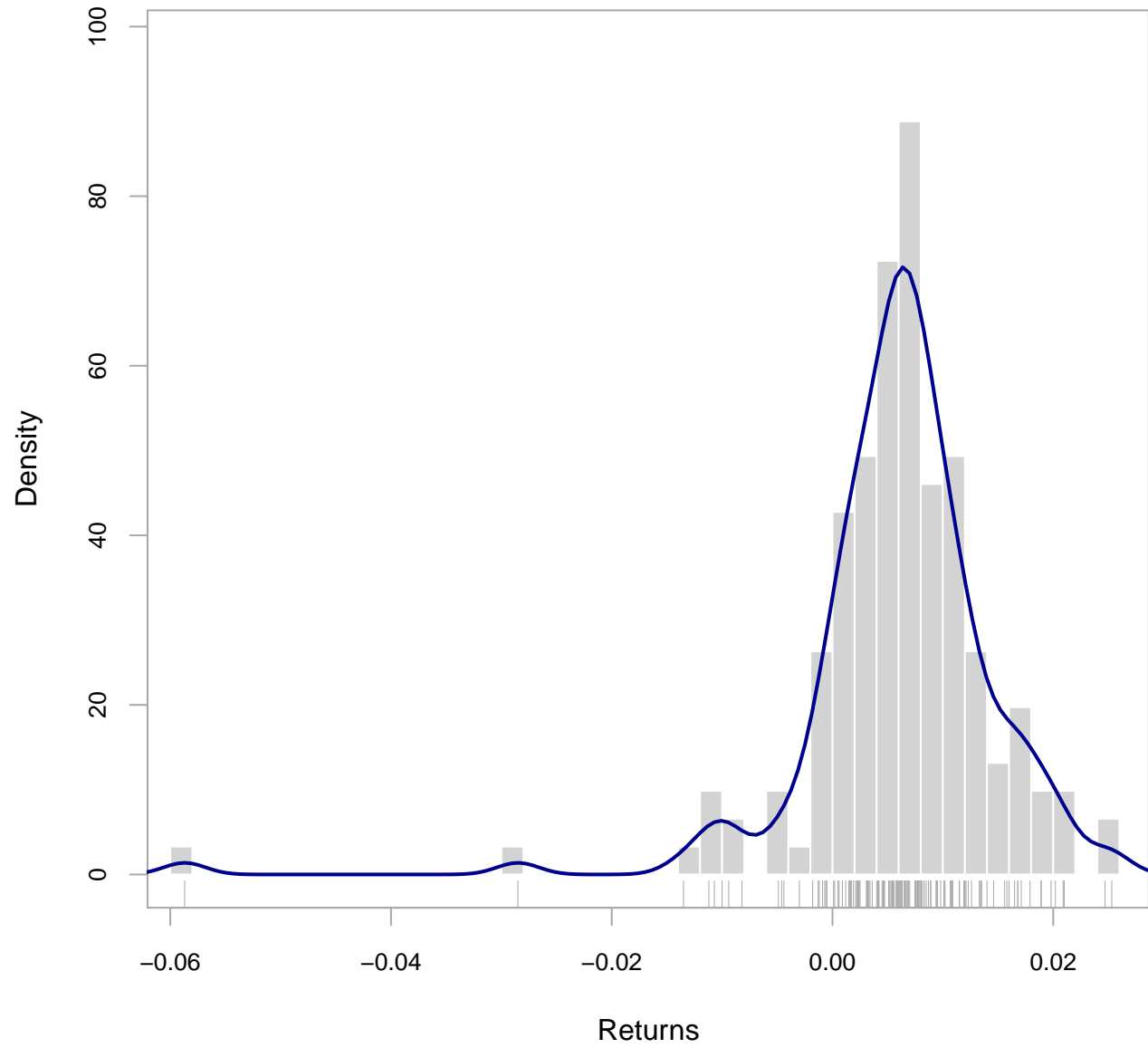


## Equity Market Neutral



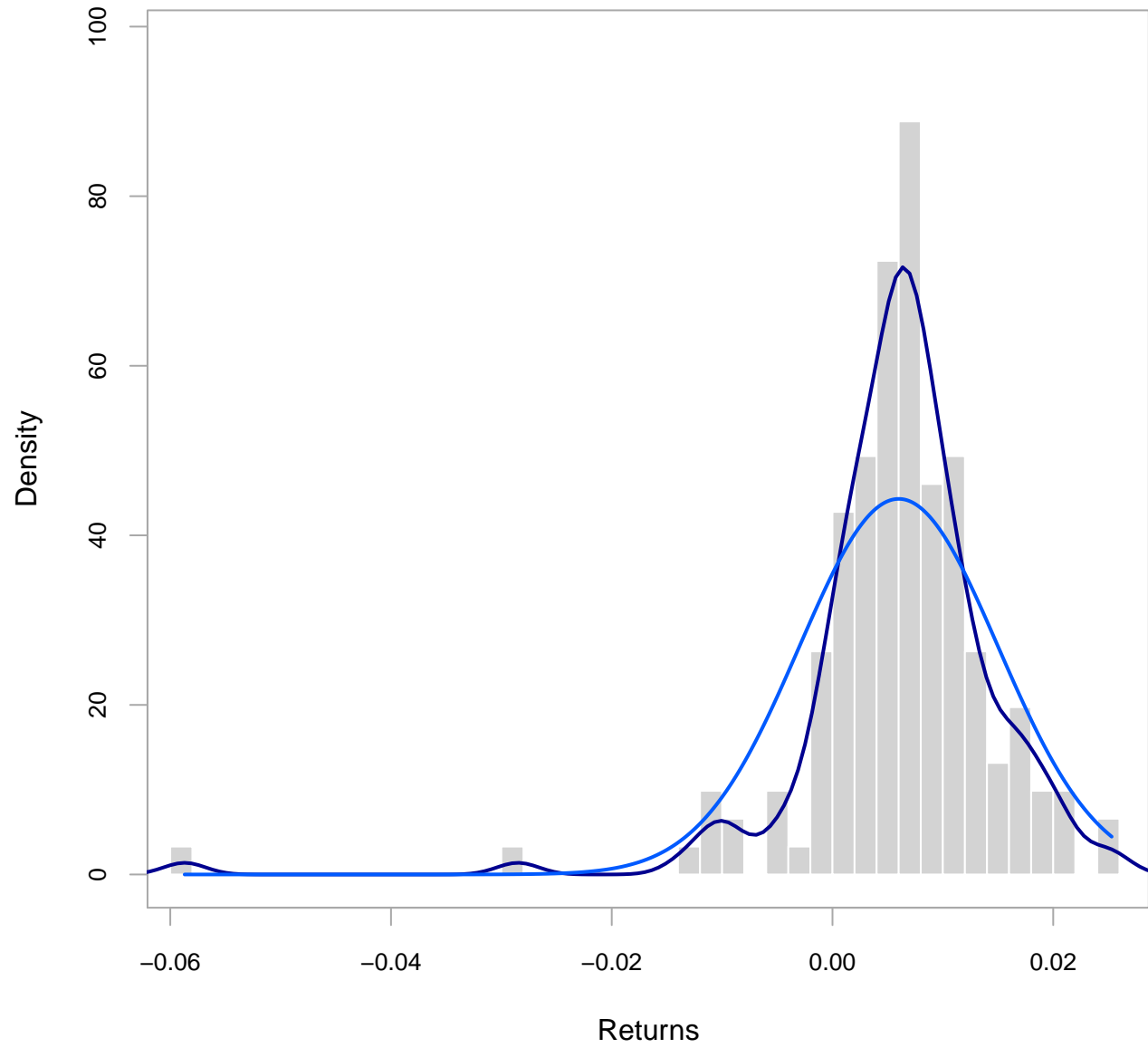


## Equity Market Neutral



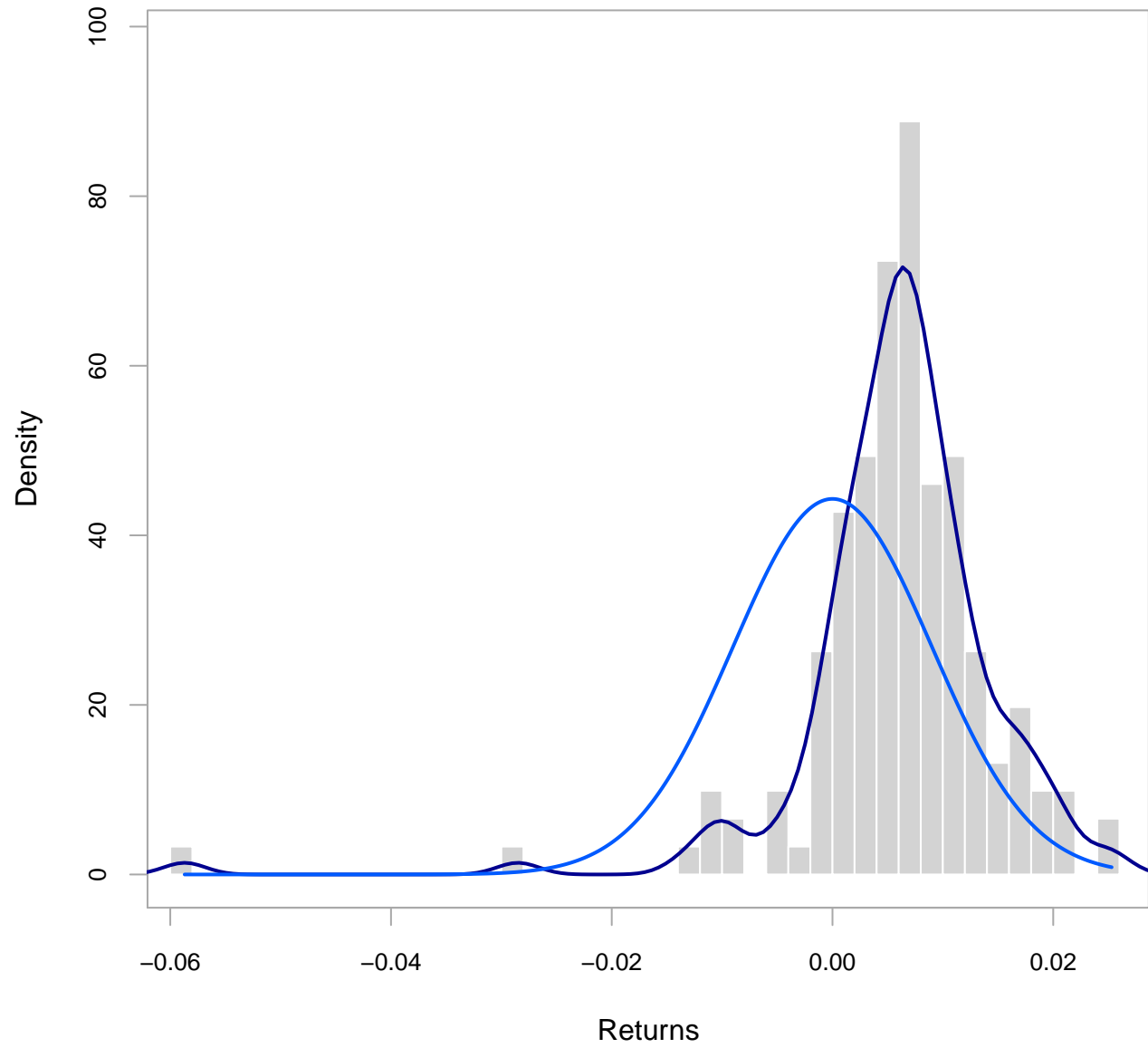
help("chart.Histogram")

# Equity Market Neutral



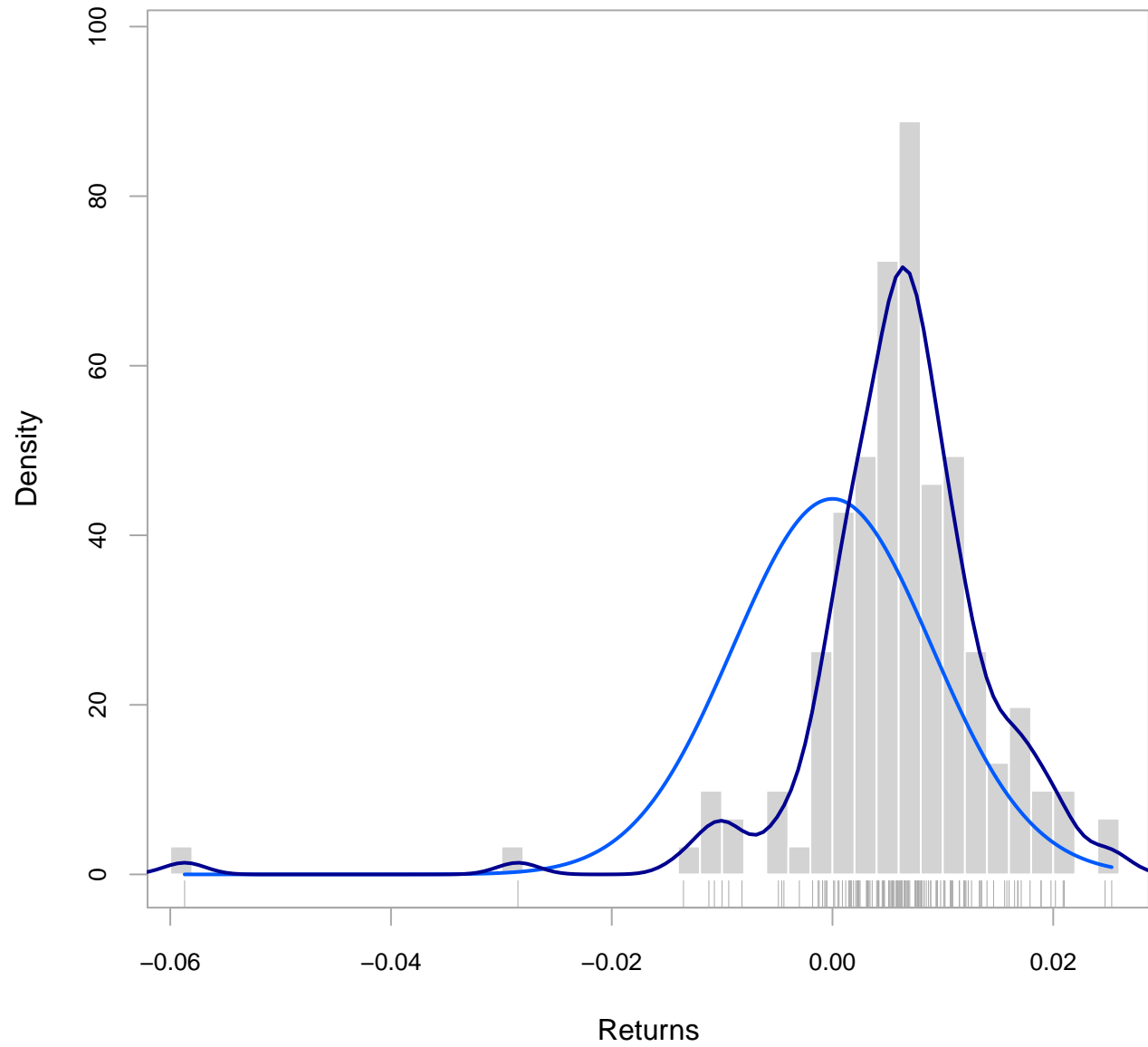
help("chart.Histogram")

# Equity Market Neutral



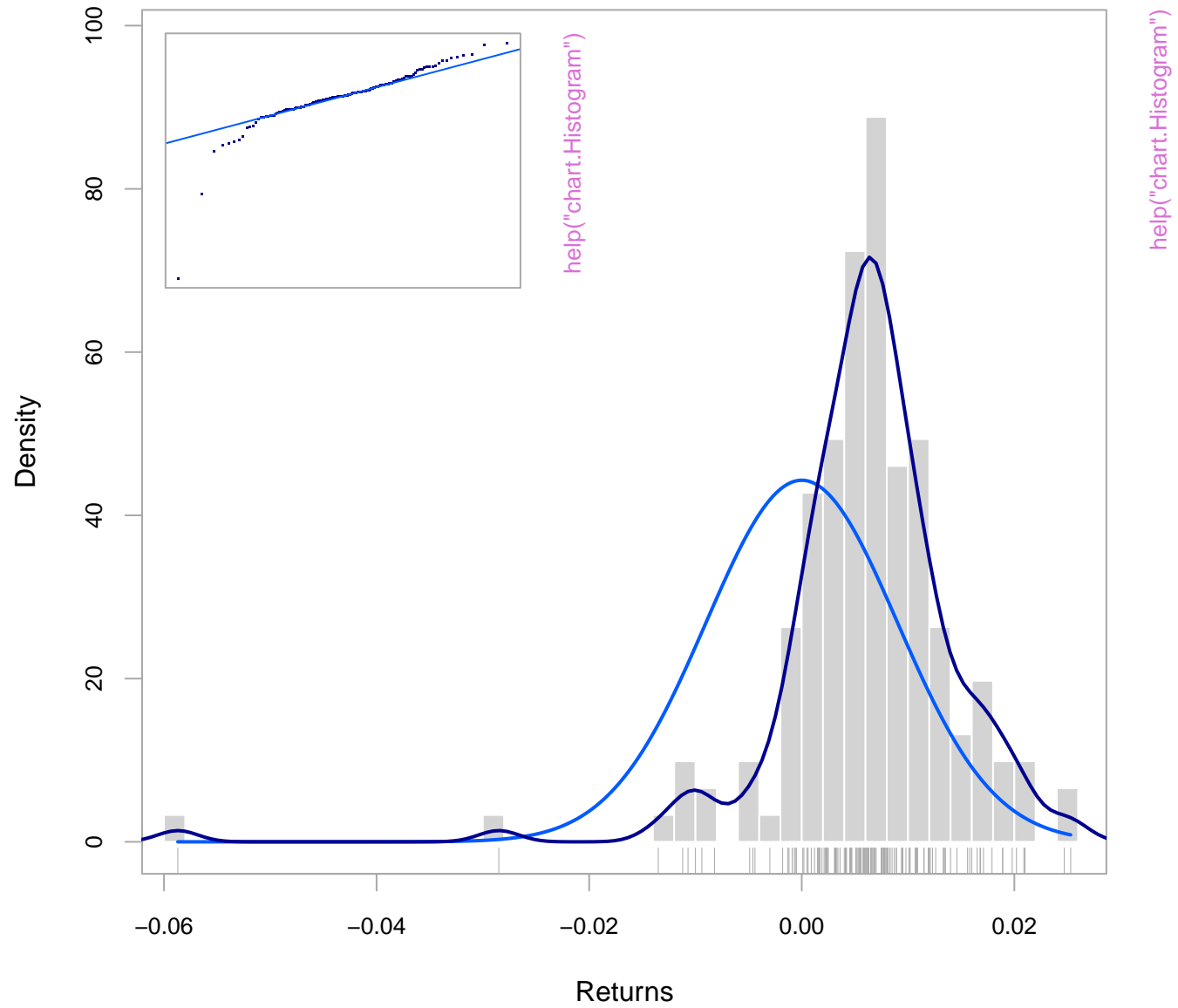
help("chart.Histogram")

# Equity Market Neutral

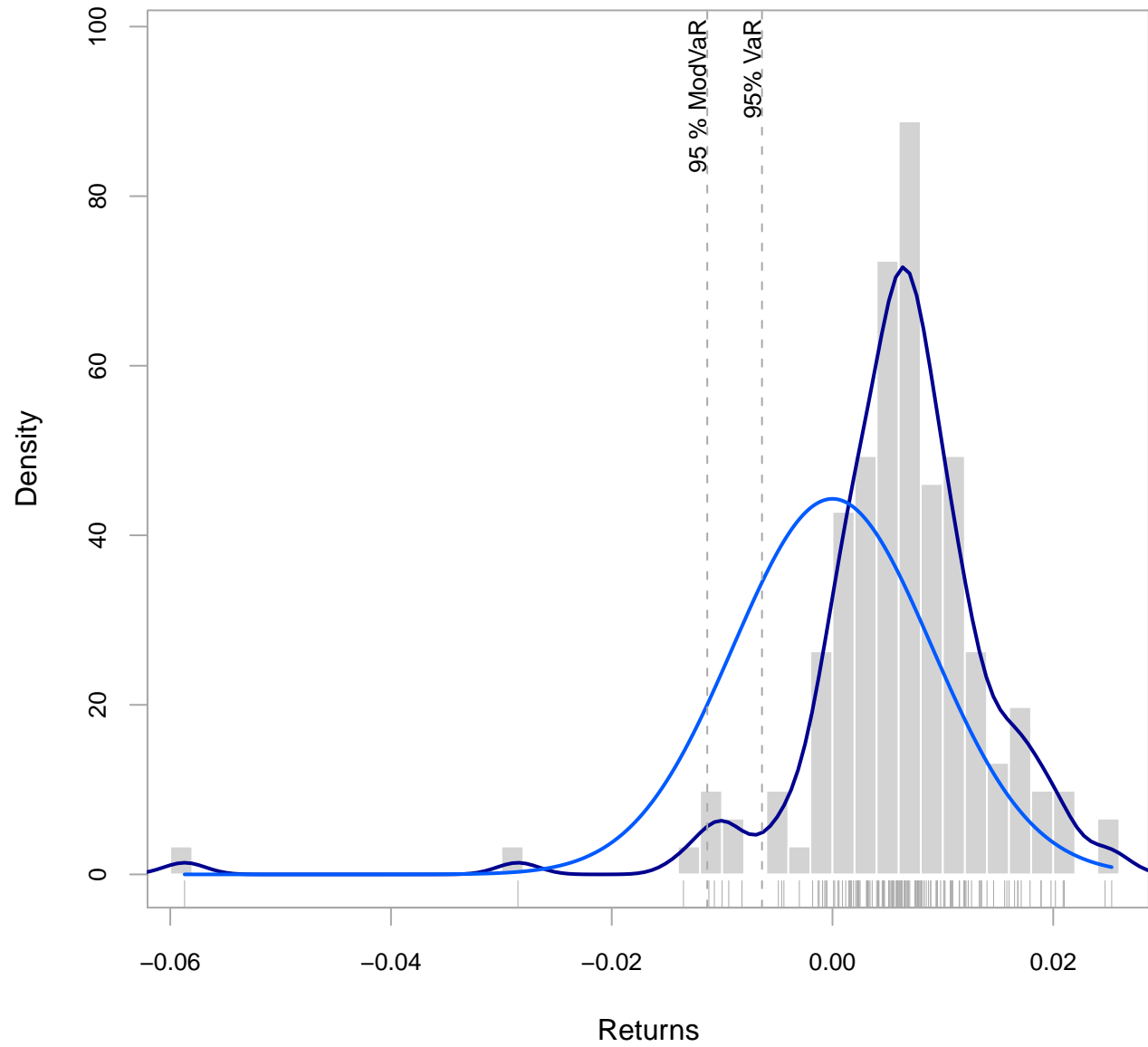


help("chart.Histogram")

## Equity Market Neutral

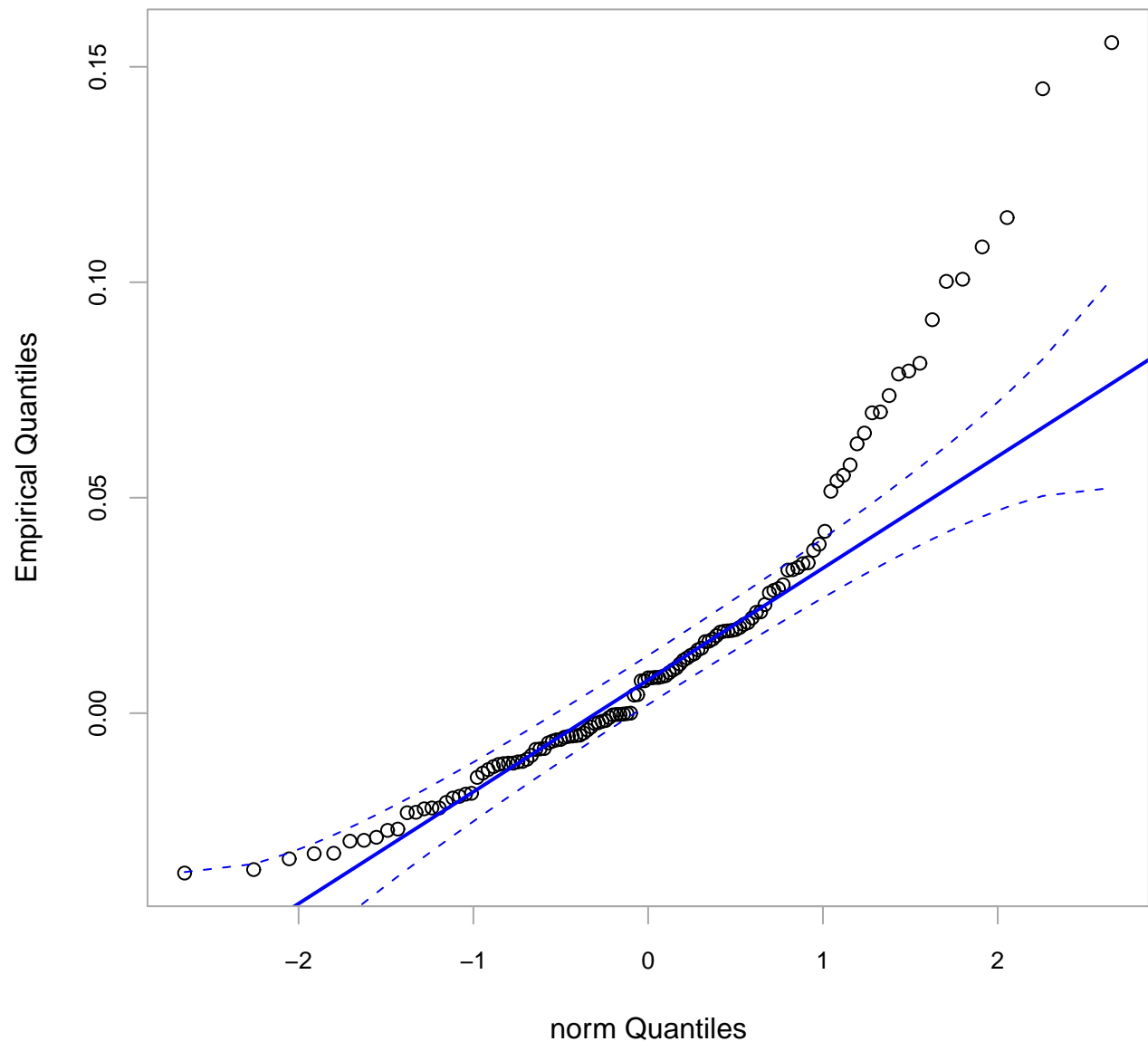


# Equity Market Neutral



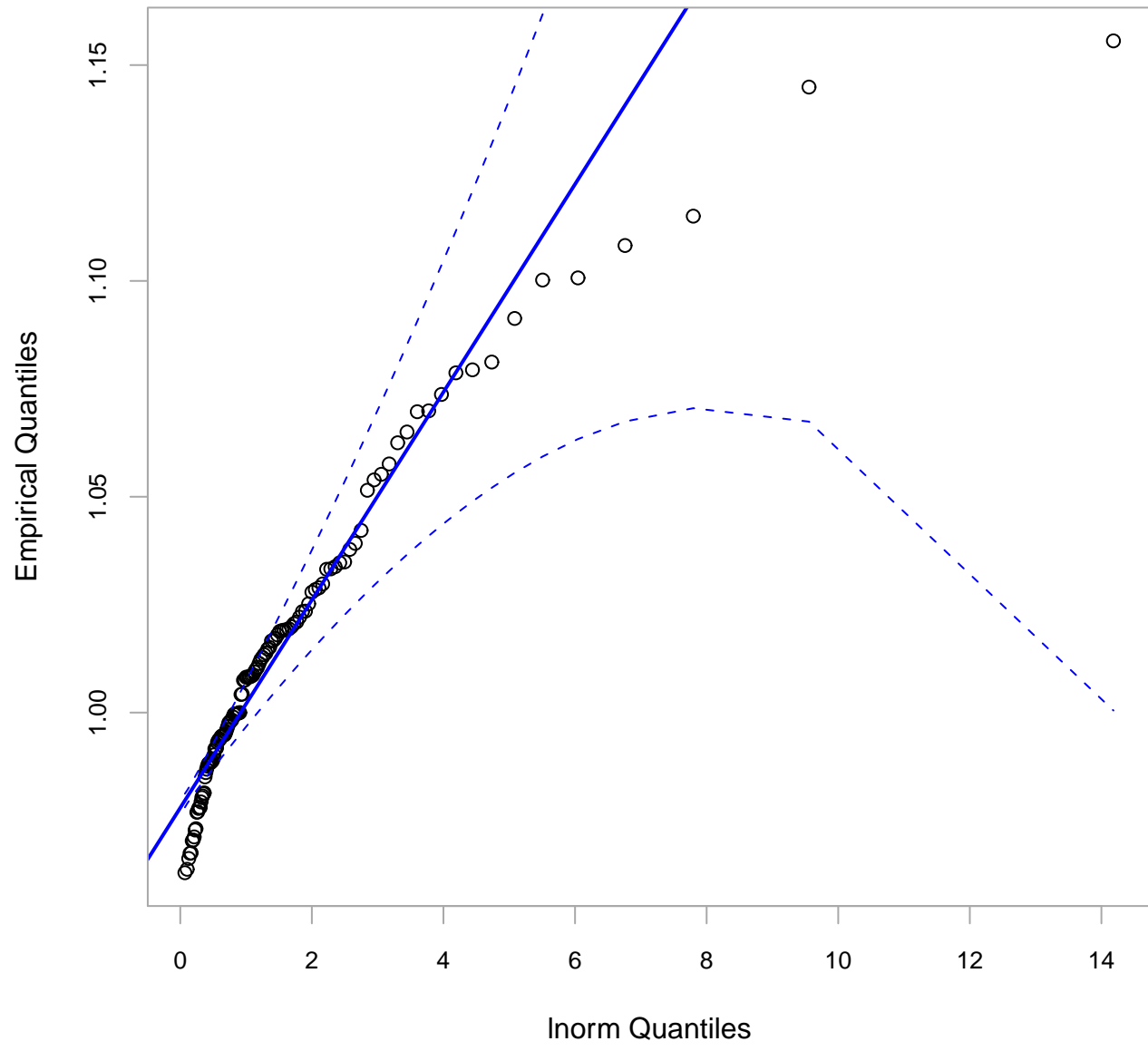
help("chart.Histogram")

# Normal Distribution



help("chart.QQPlot")

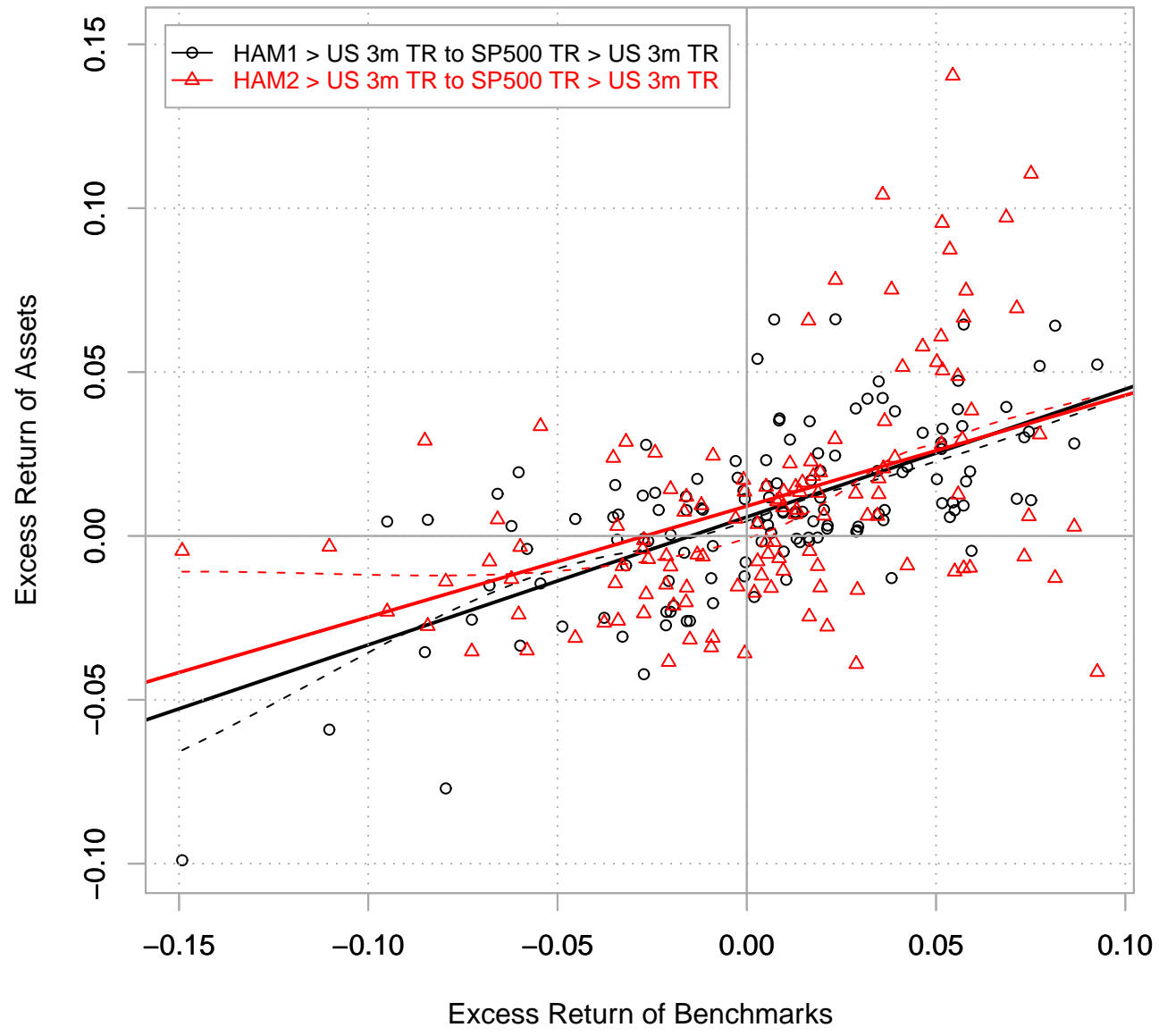
Log-Normal Distribution



help("chart.QQPlot")

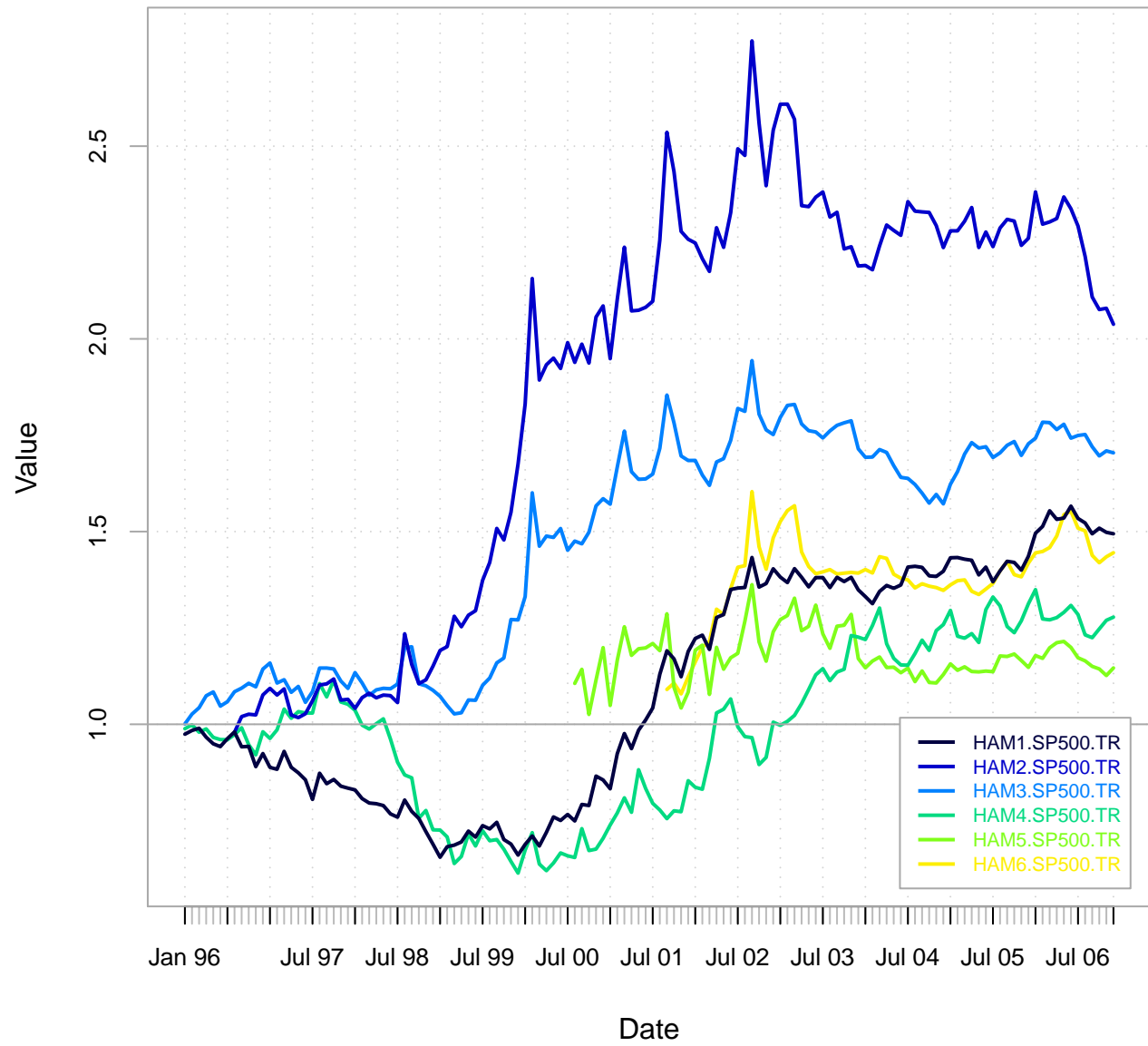


Title



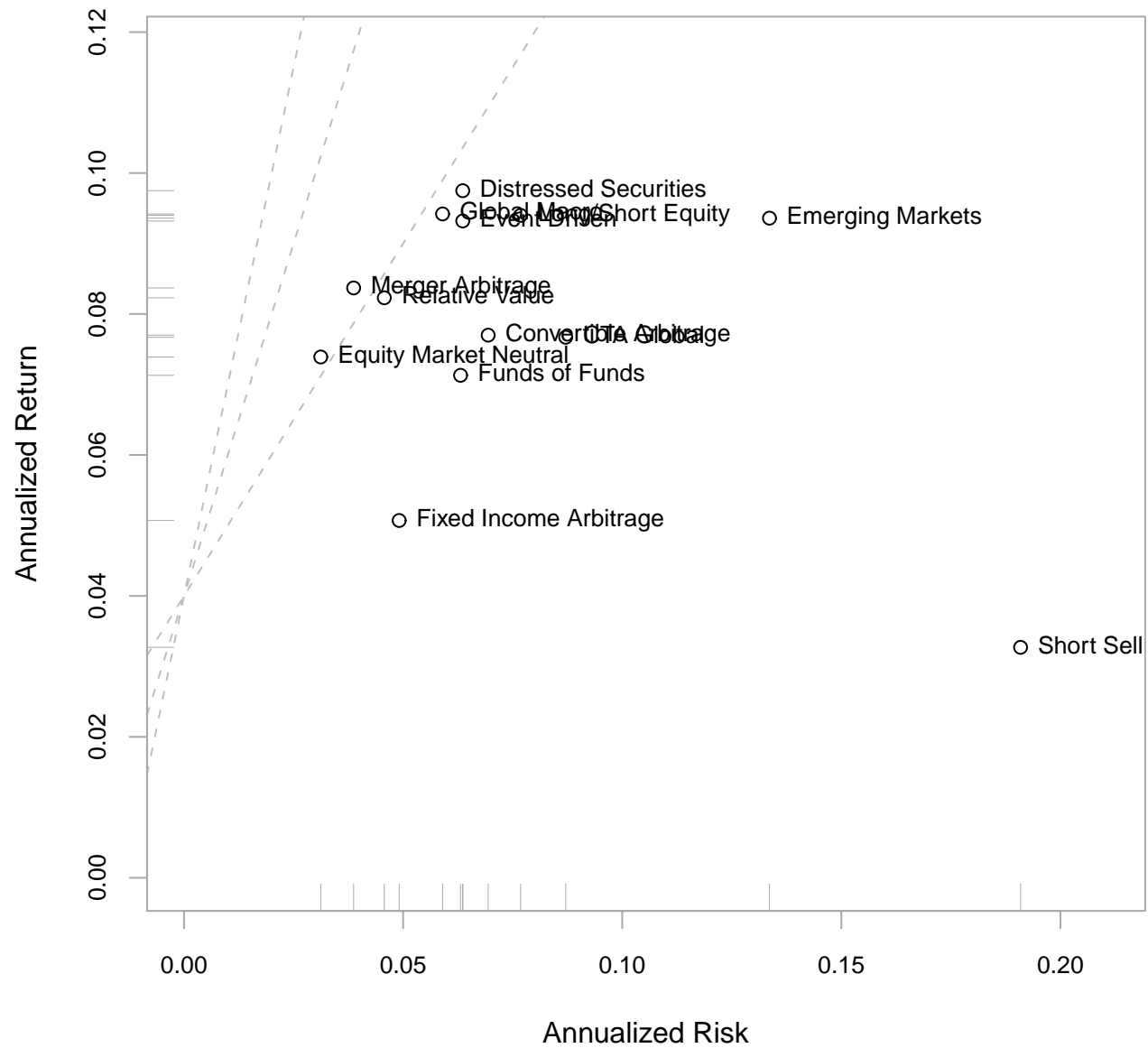
help("chart.Reggression")

## Relative Performance to S&P



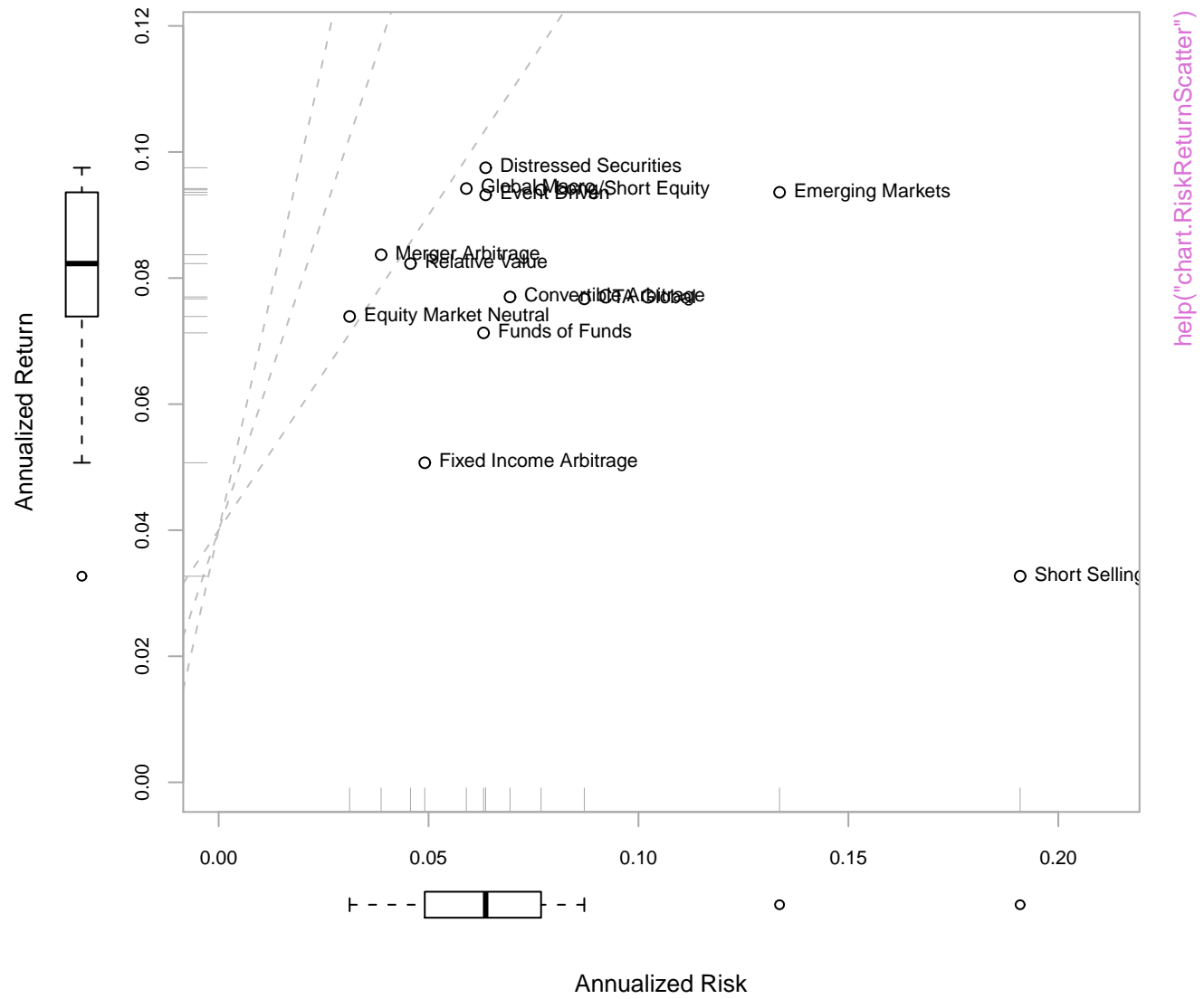
help("chart.RelativePerformance")

## Annualized Return and Risk

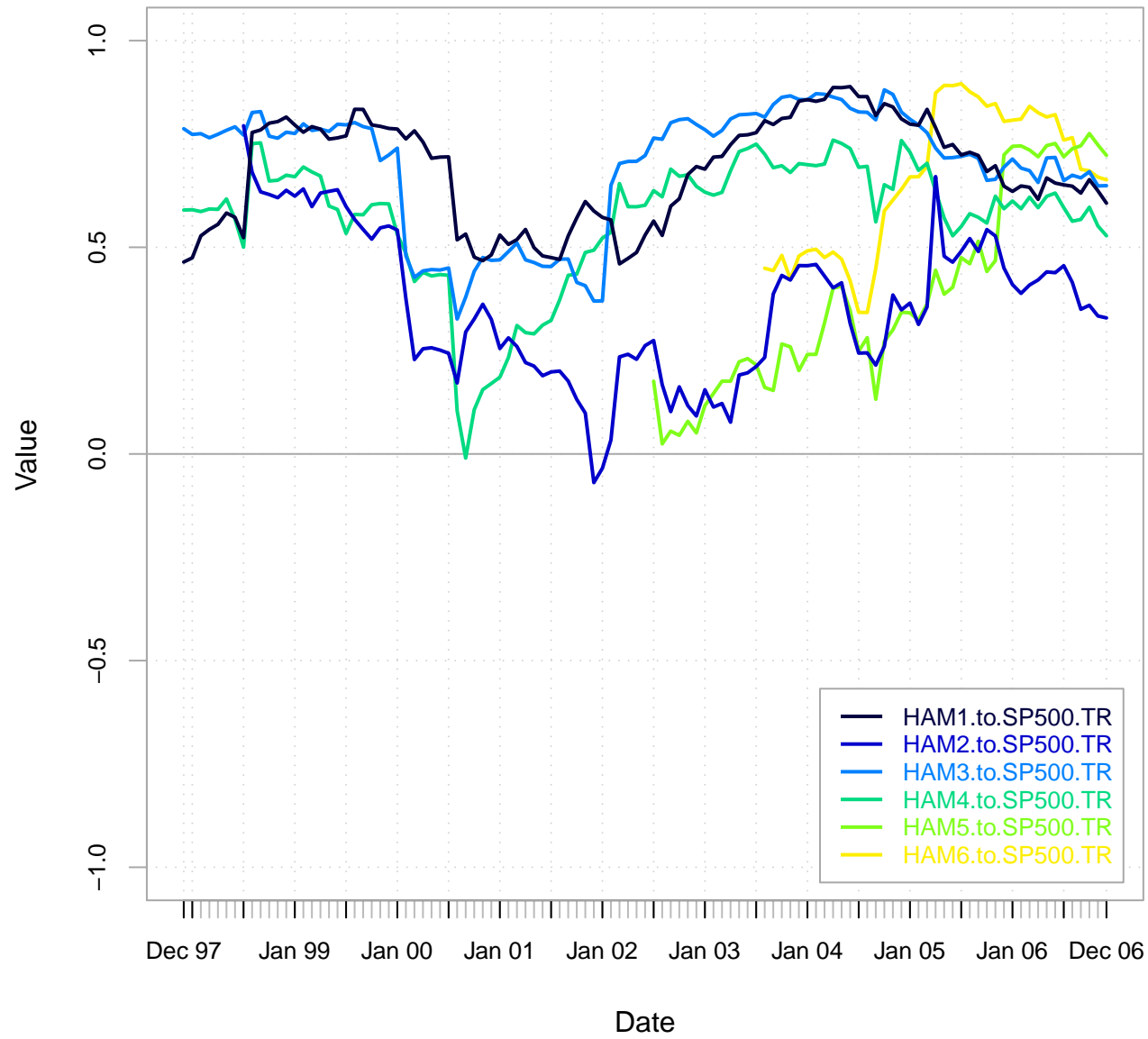


help("chart.RiskReturnScatter")

Annualized Return and Risk

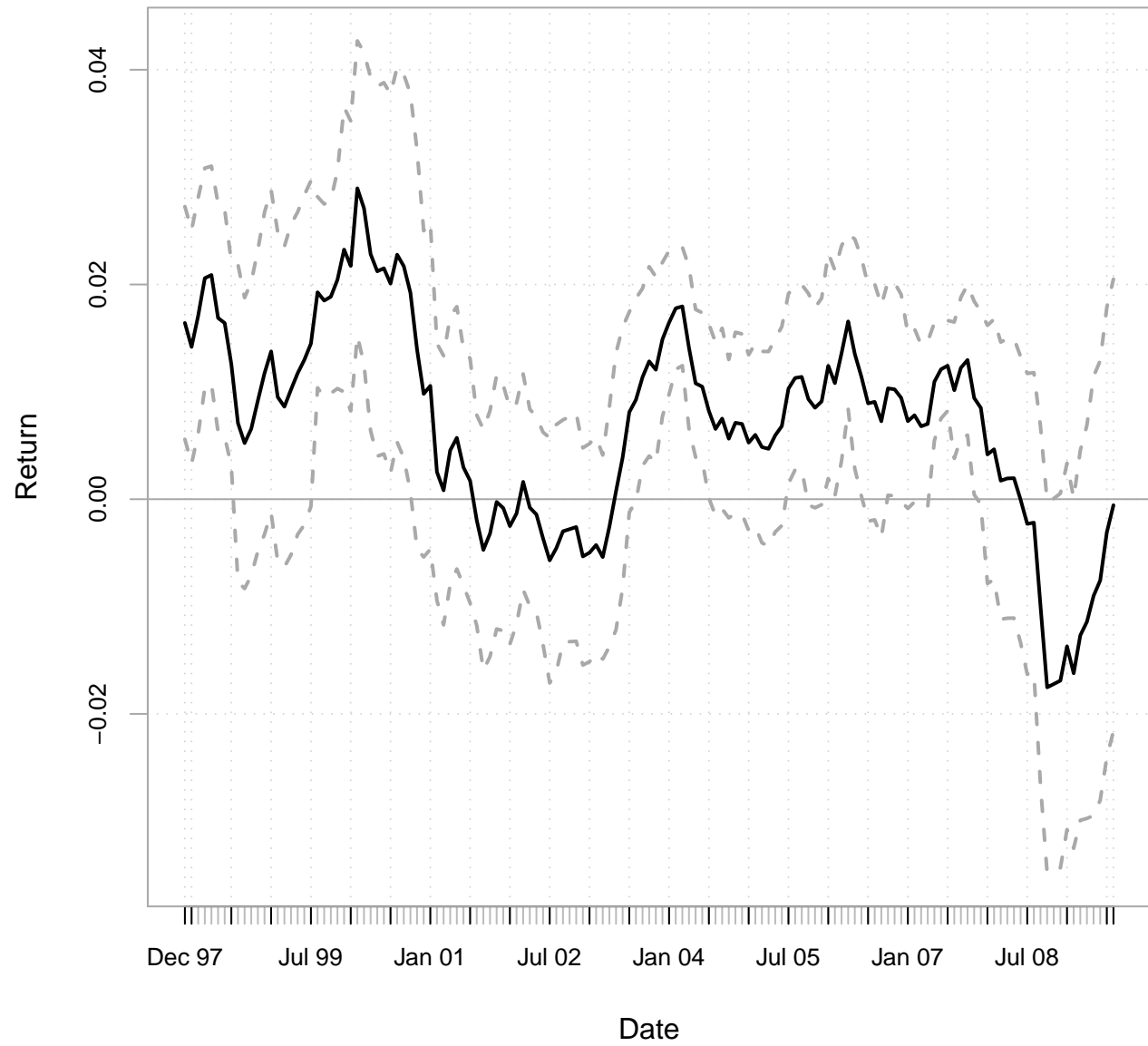


Rolling 12-Month Correlation



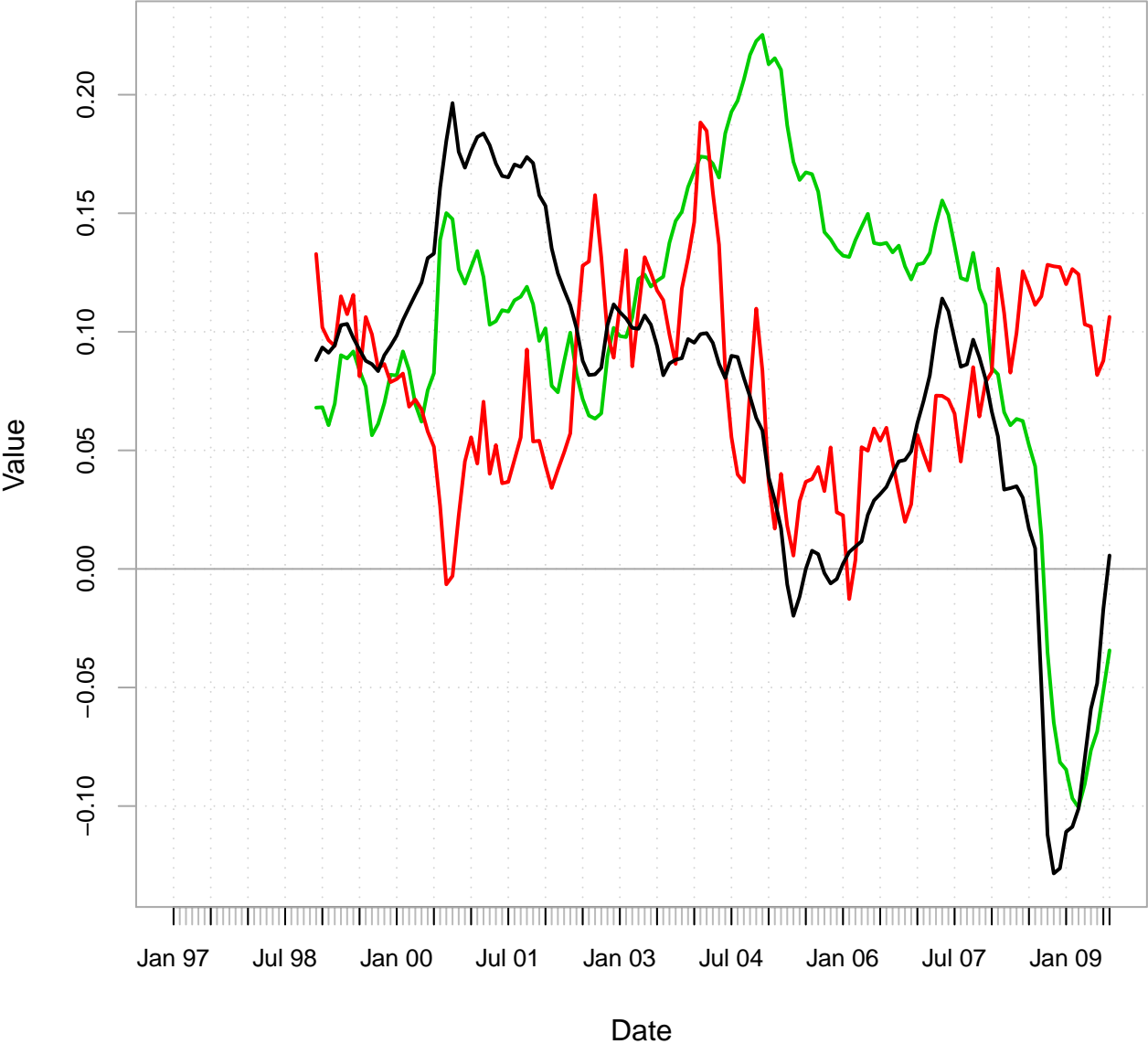
help("chart.RollingCorrelation")

## Long/Short Equity Rolling 12-month Performance



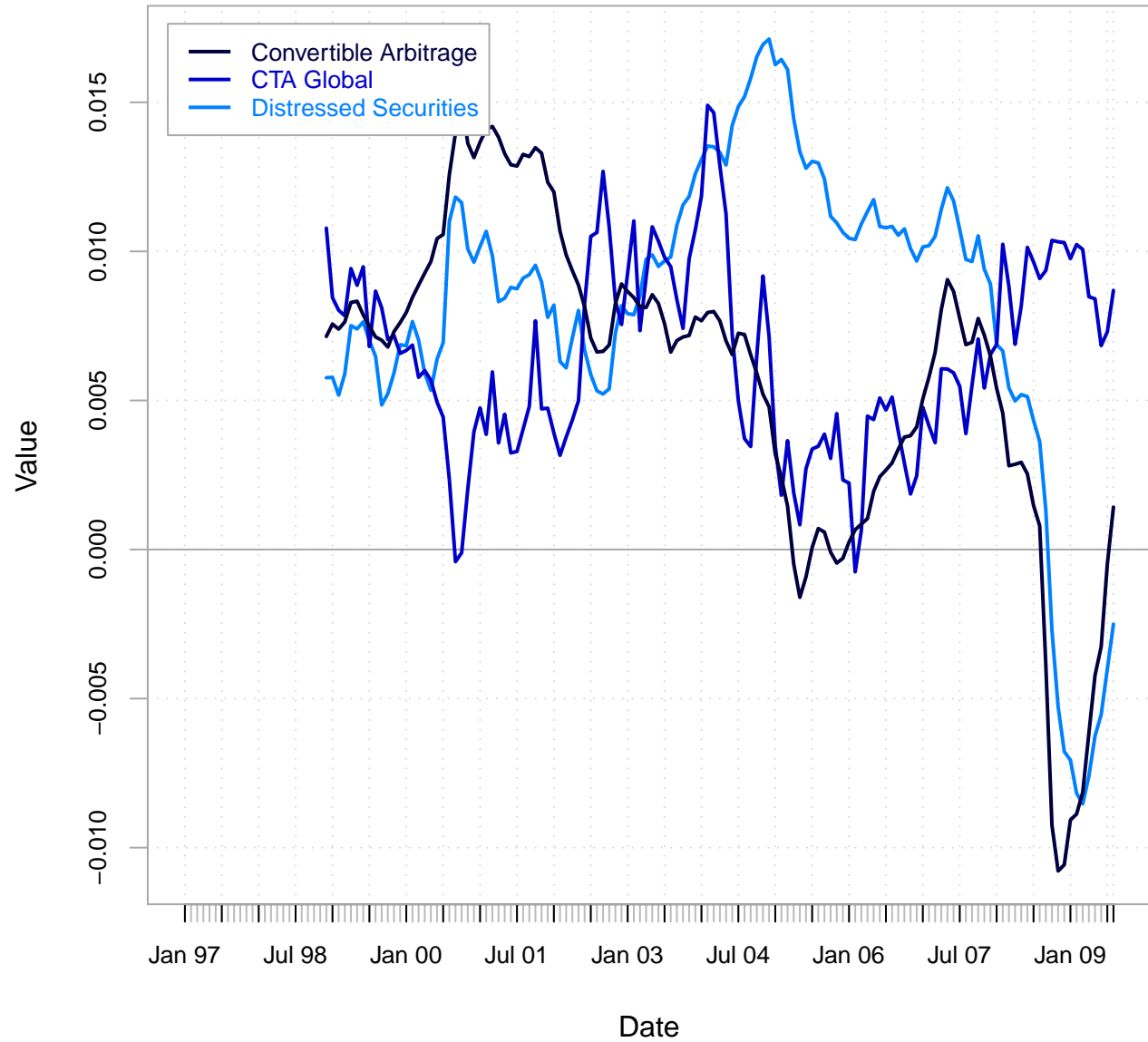
help("chart.RollingMean")

Convertible Arbitrage Rolling 24-month Performance



help("chart.RollingPerformance")

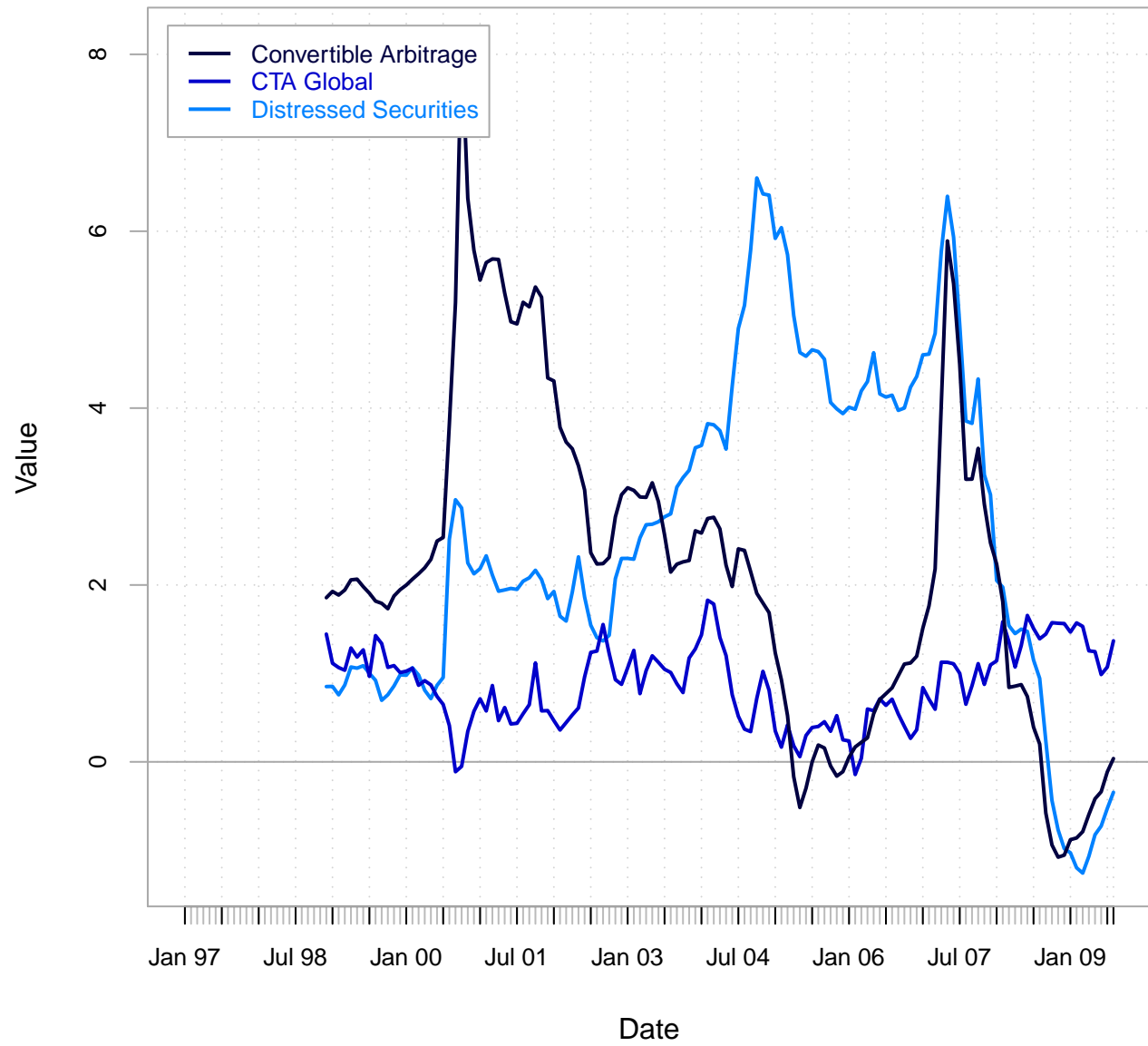
## Rolling 24-Month Mean Return



help("chart.RollingPerformance")

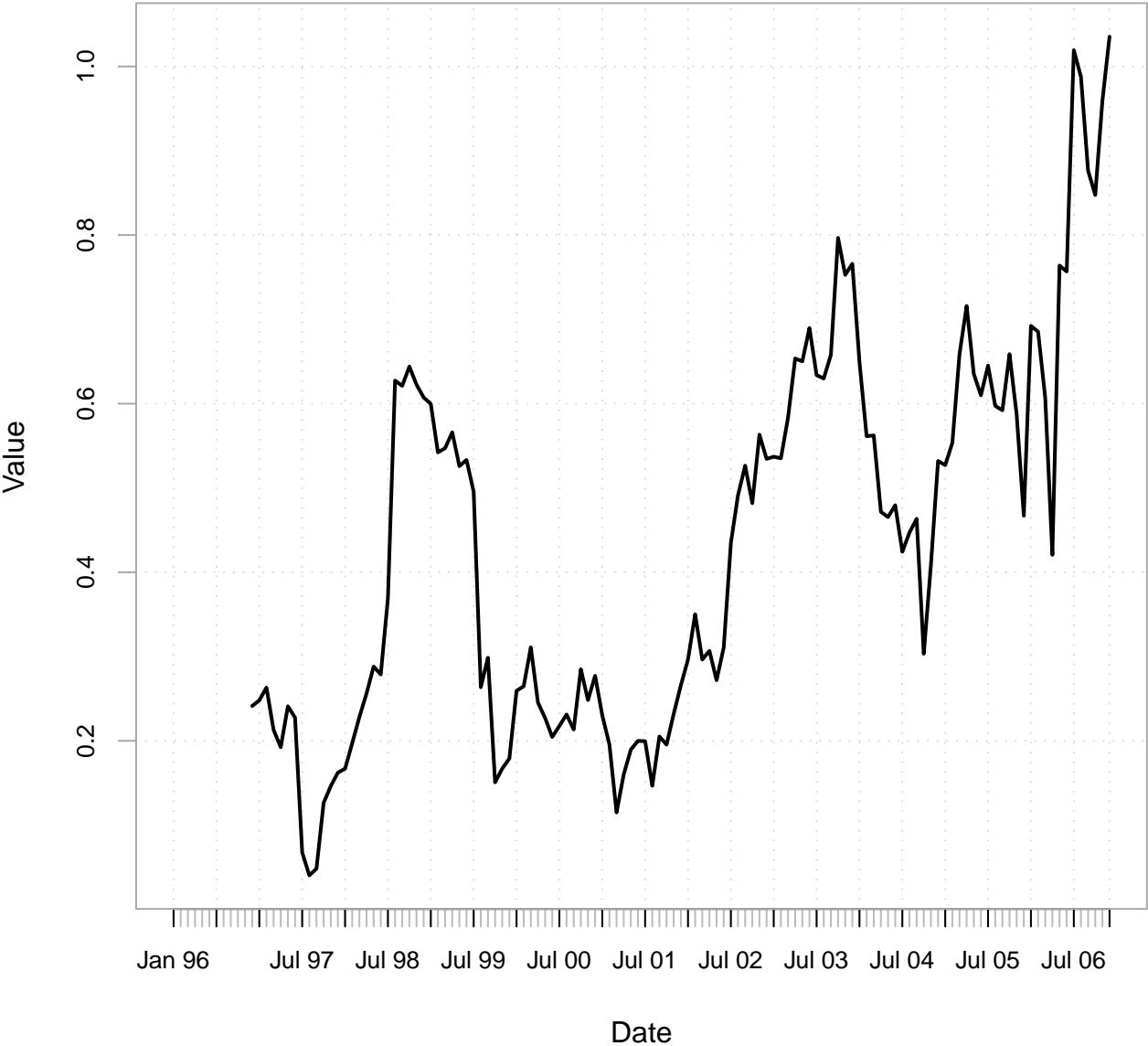


## Rolling 24-Month Sharpe Ratio



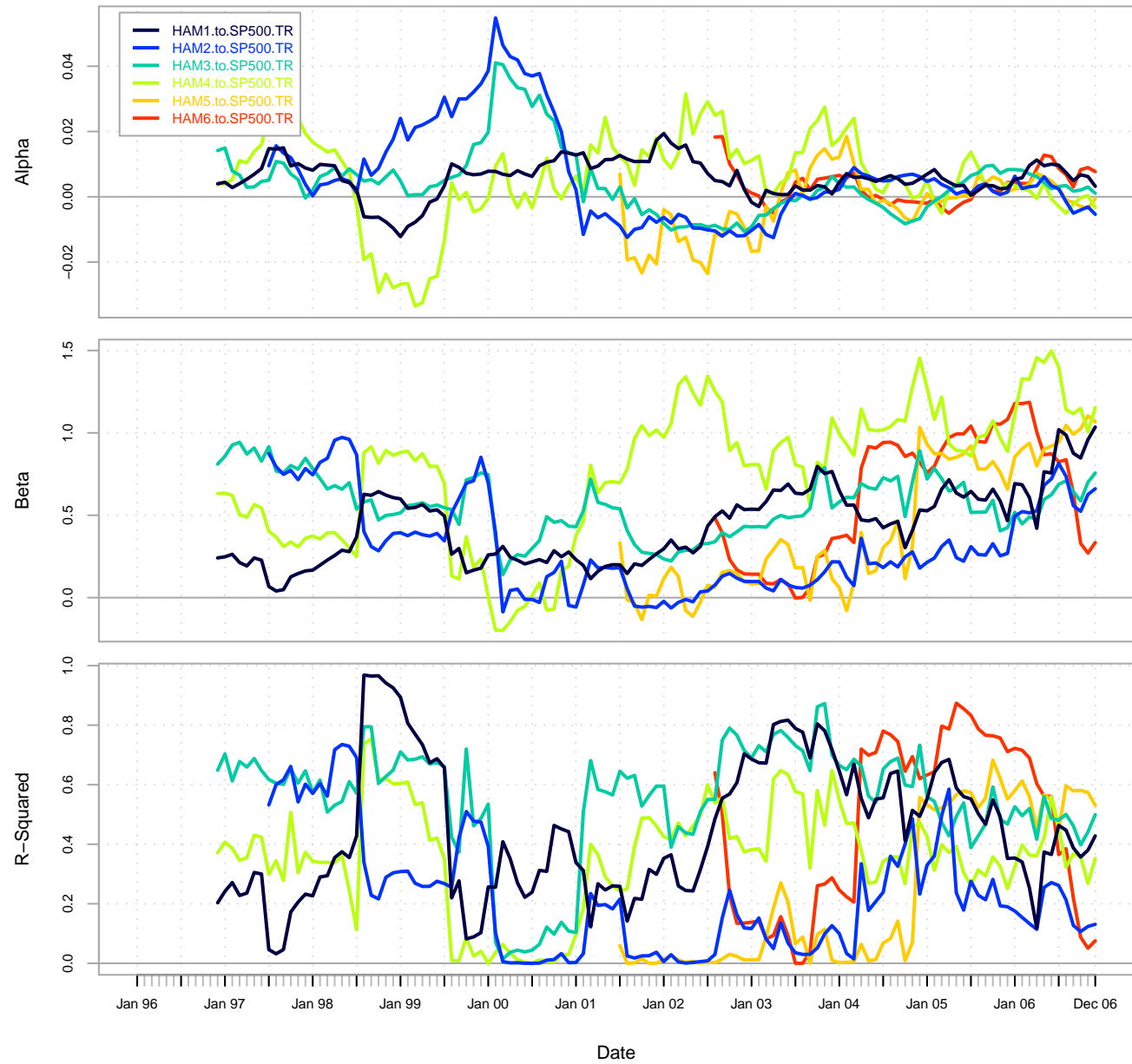
help("chart.RollingPerformance")

Rolling 12-month Beta



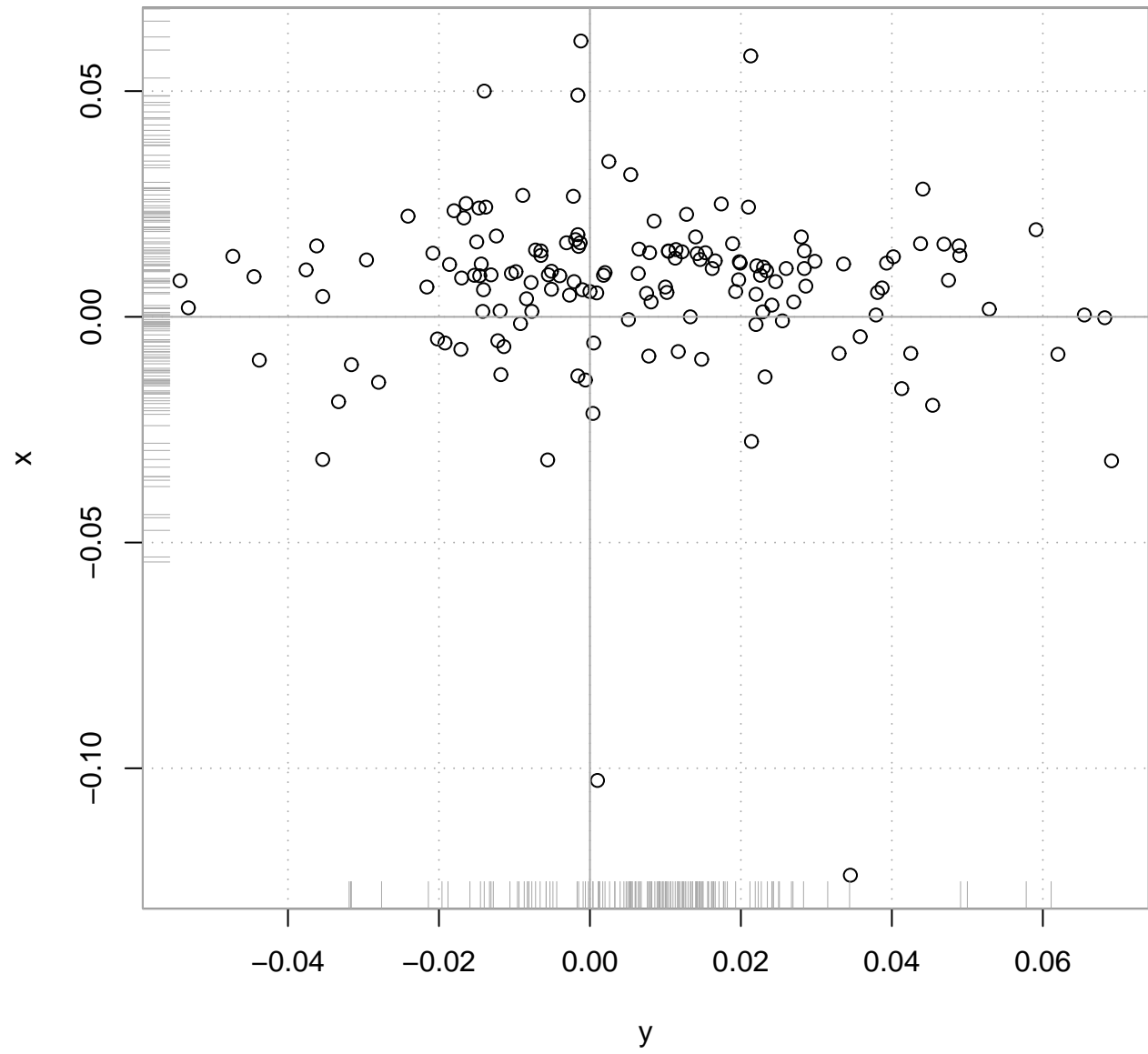
help("chart.RollingRegression")

### Rolling 12-month Regressions



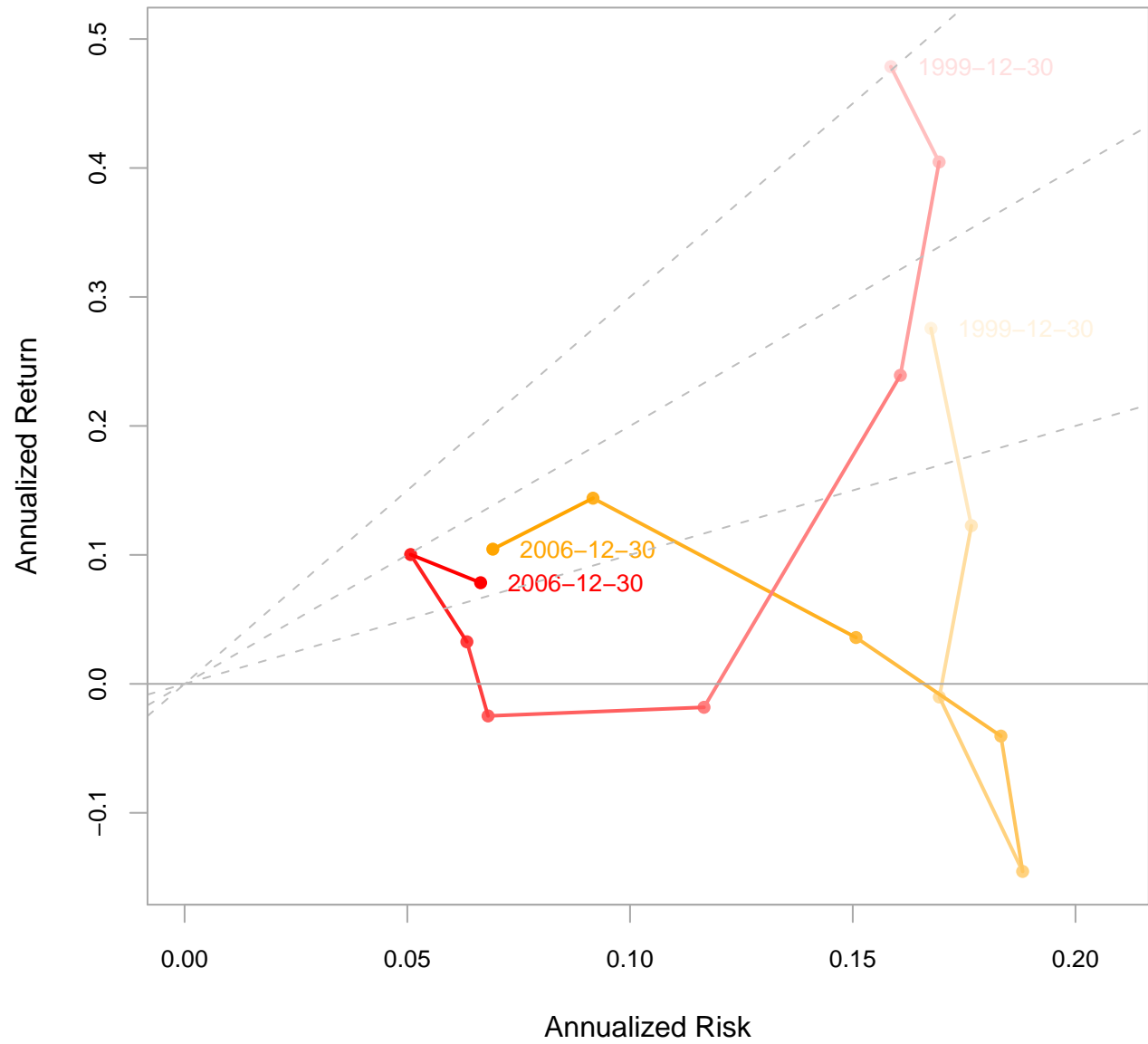
help("chart.RollingRegression")

Title

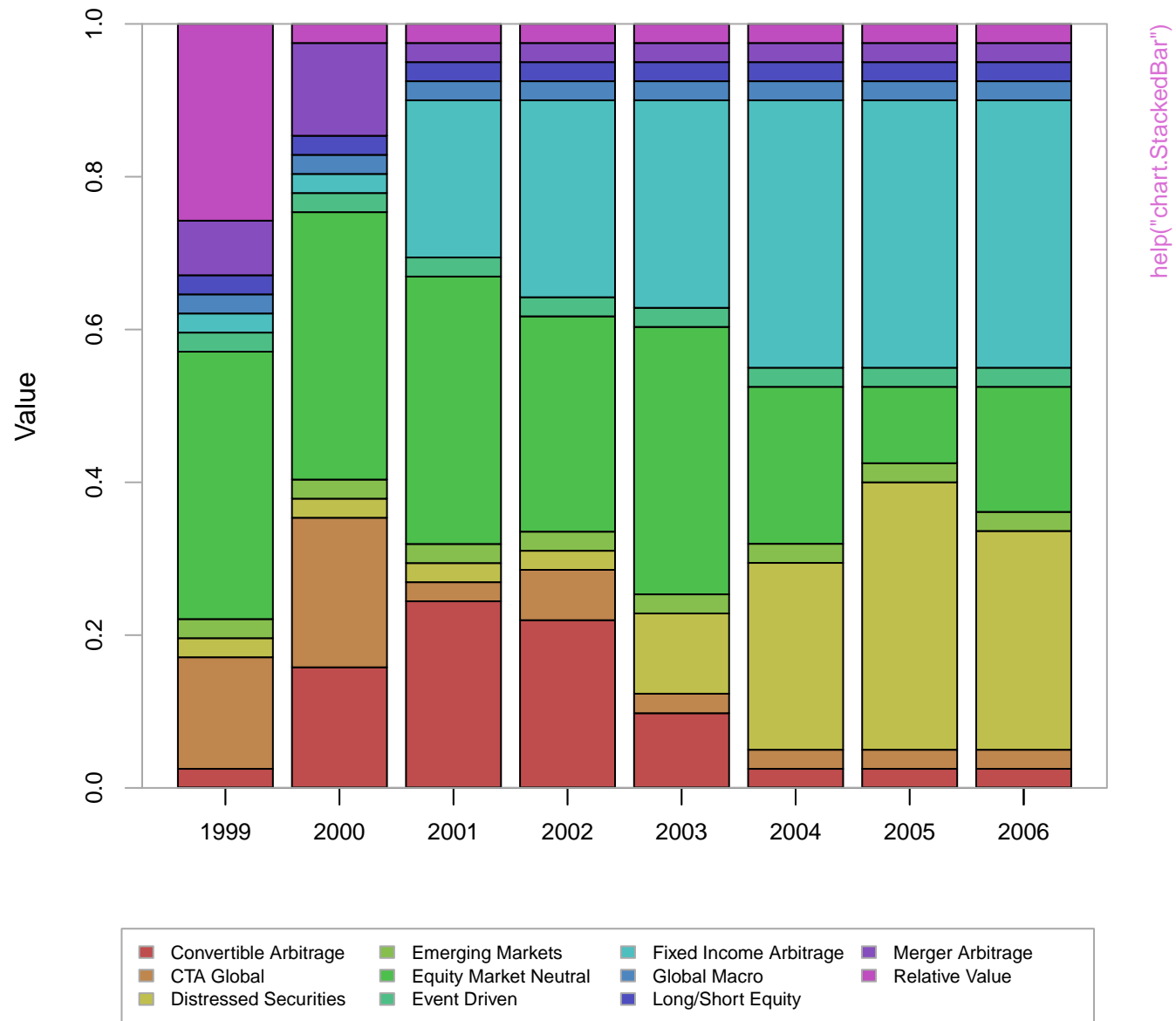


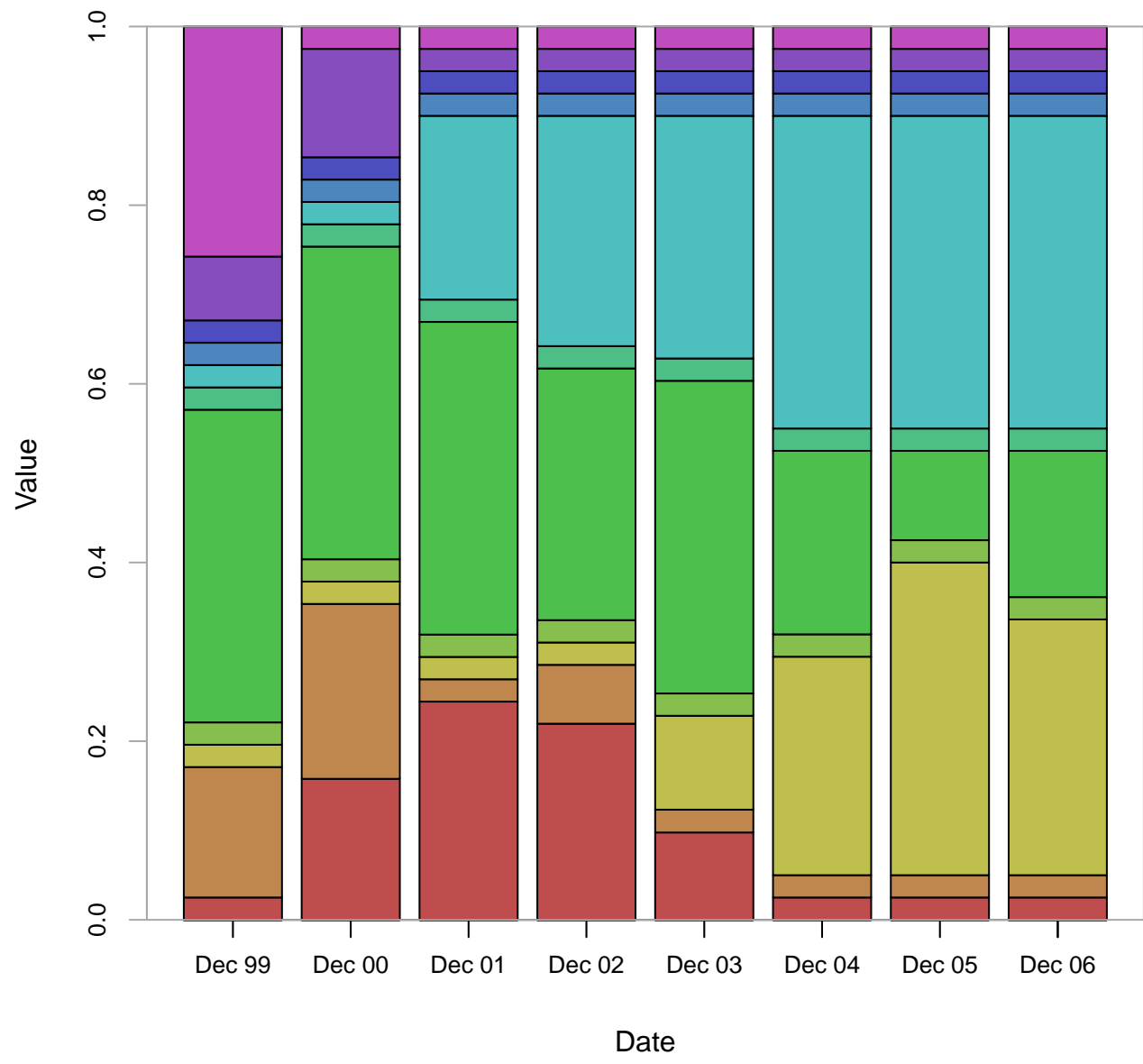
`help("chart.Scatter")`

Trailing 36-month Performance Calc'd Every 12 Months

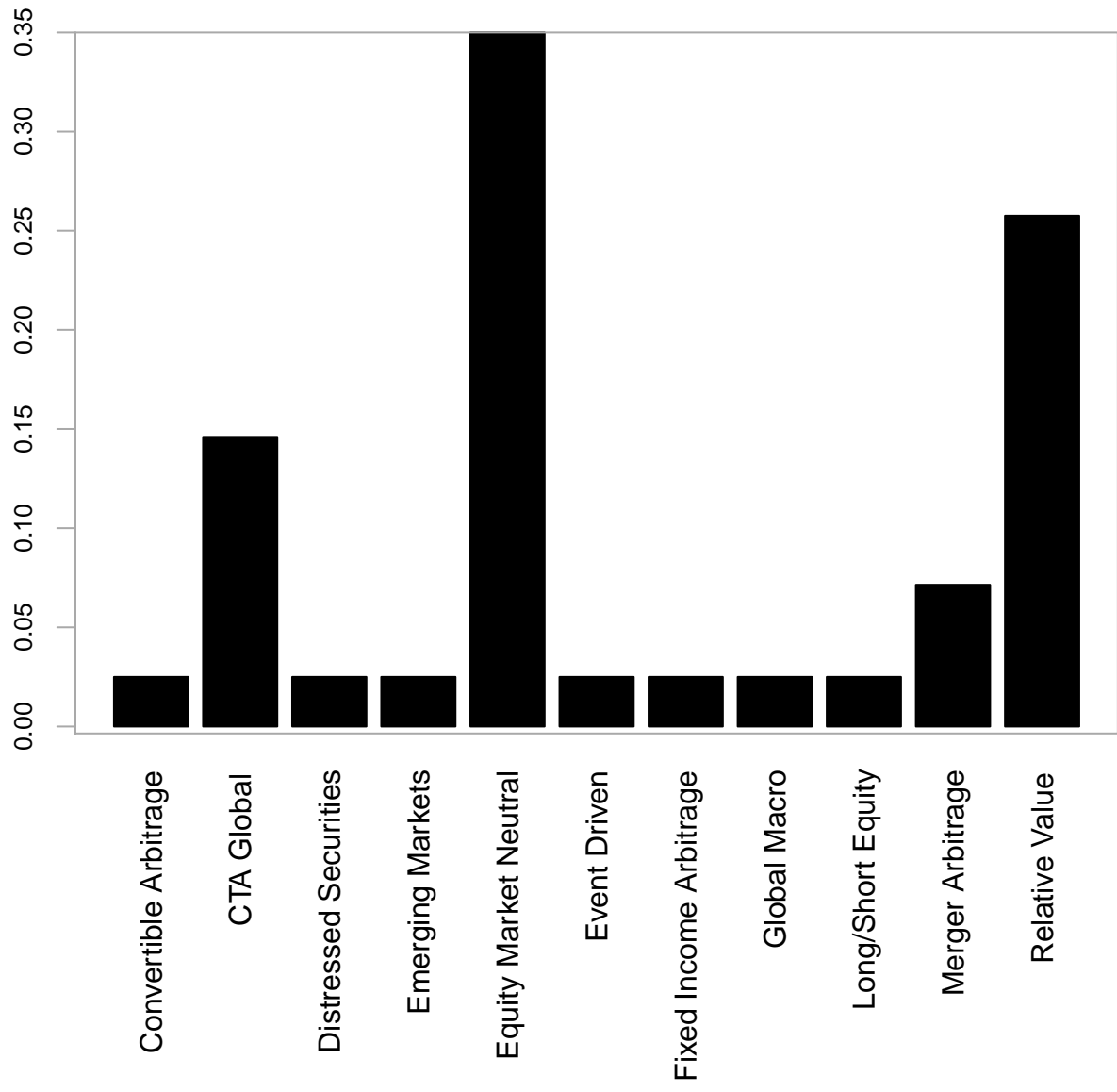


help("chart.SnailTrail")





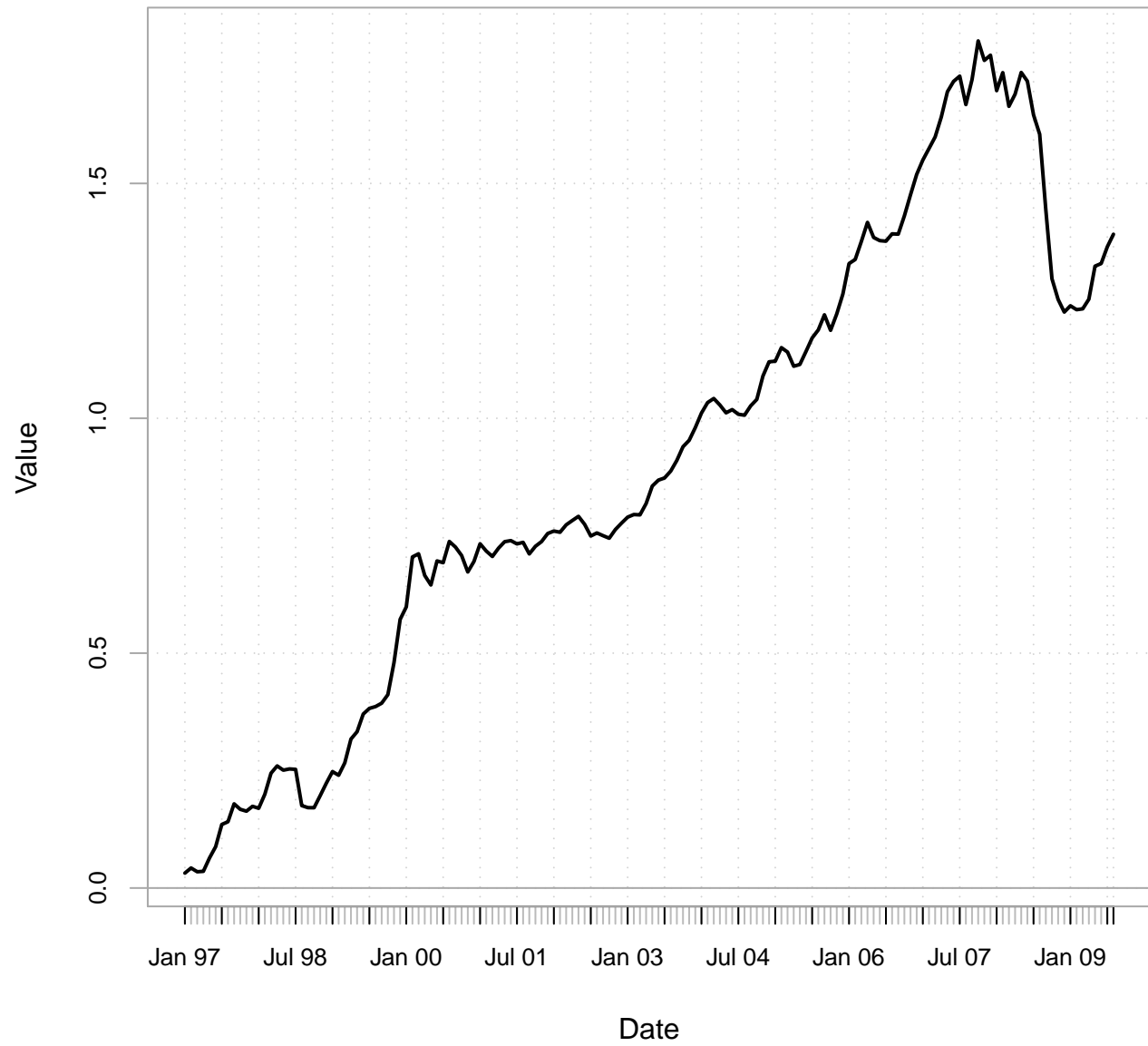
help("chart.StackedBar")



help("chart.StackedBar")

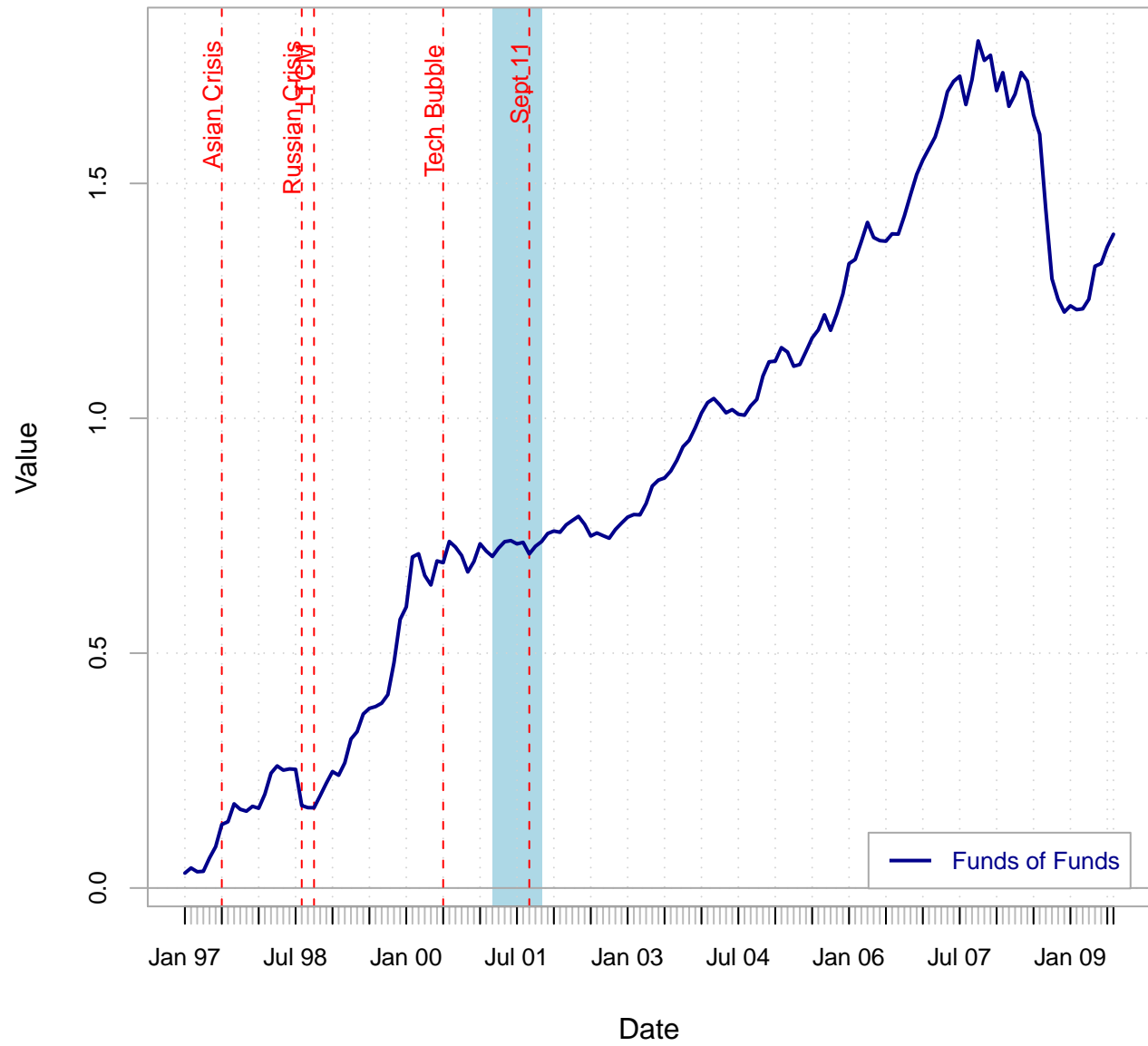


## Funds of Funds



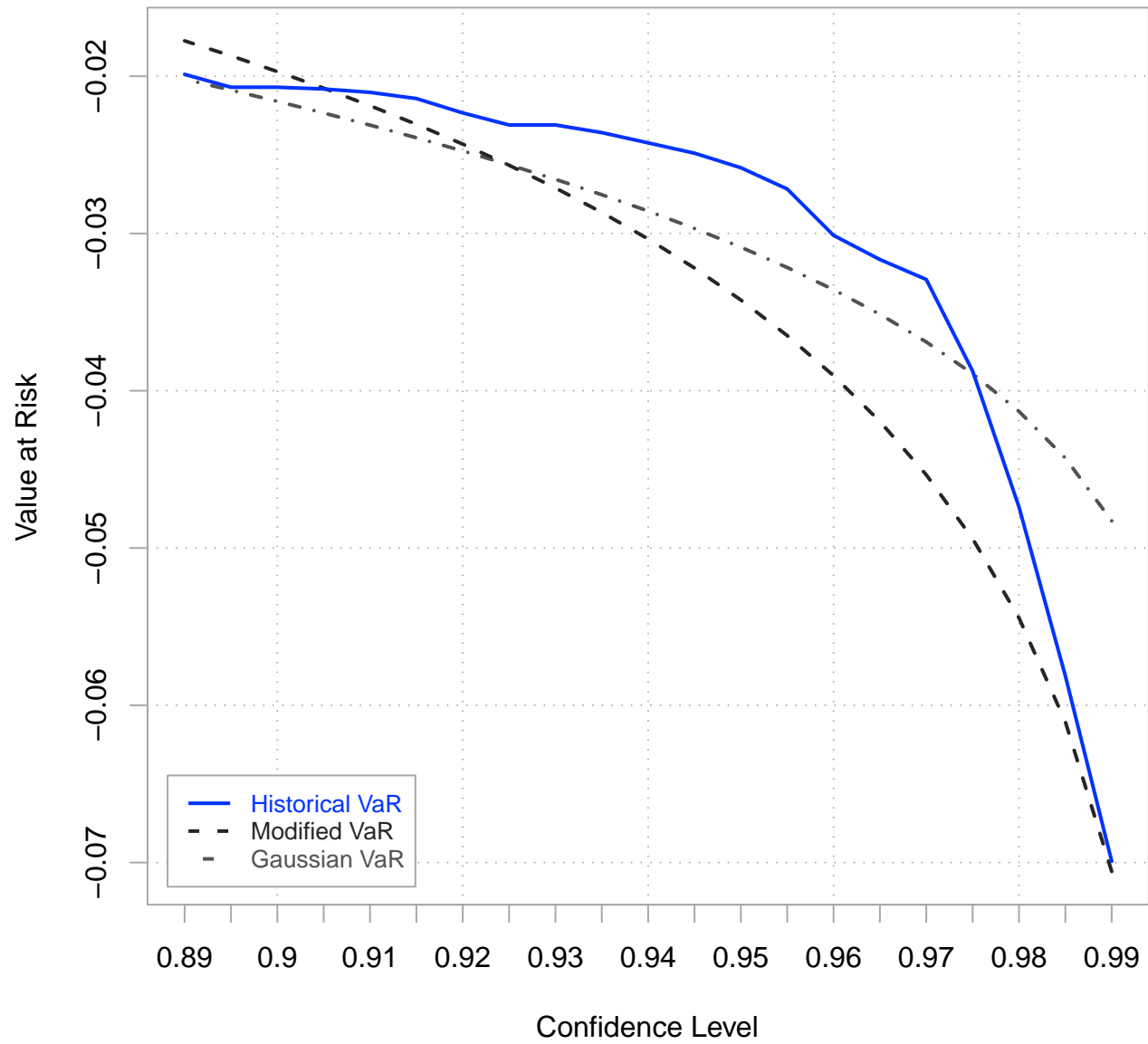
[help\("chart.TimeSeries"\)](#)

## Funds of Funds



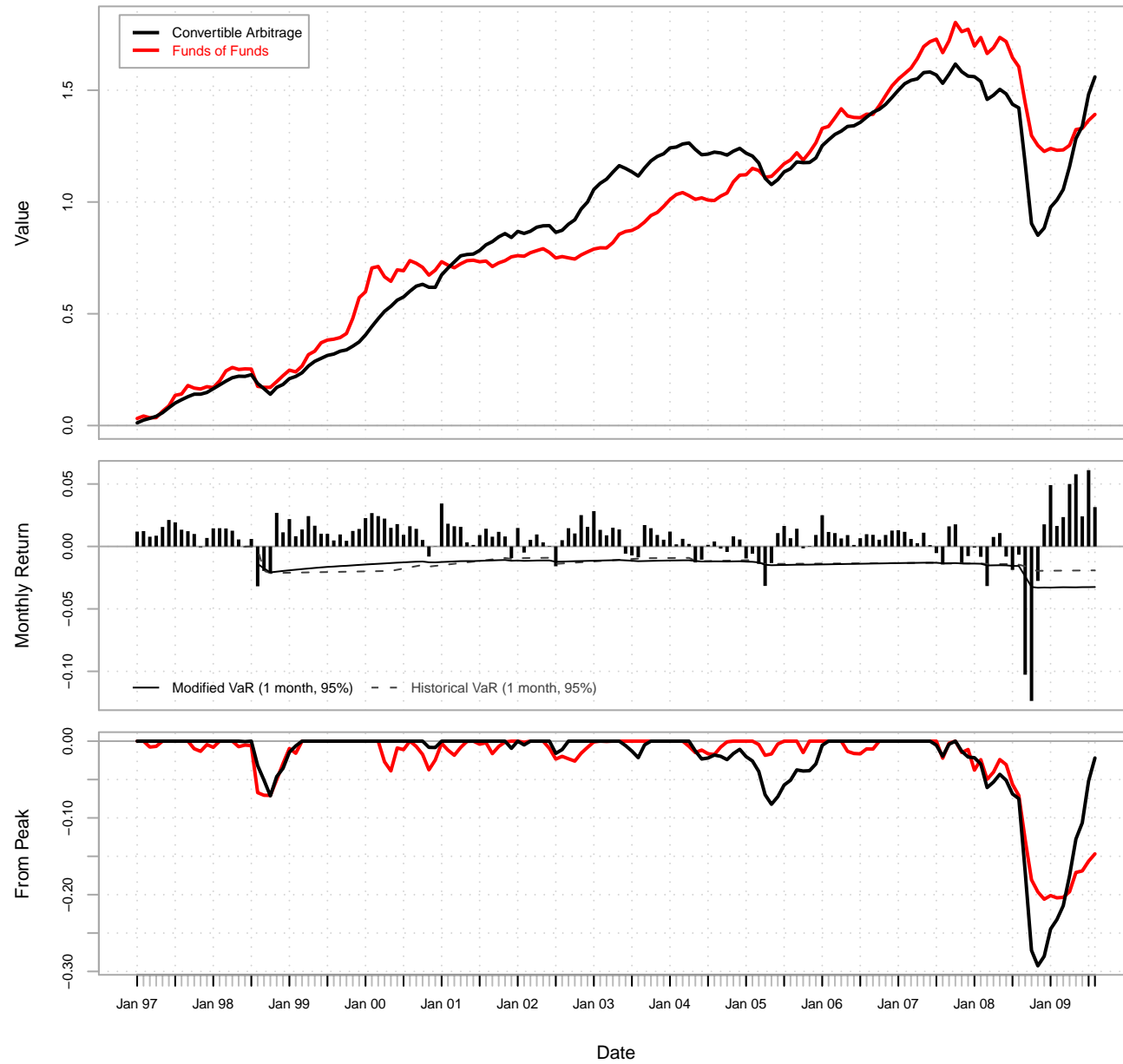
help("chart.TimeSeries")

## Risk Confidence Sensitivity of HAM1



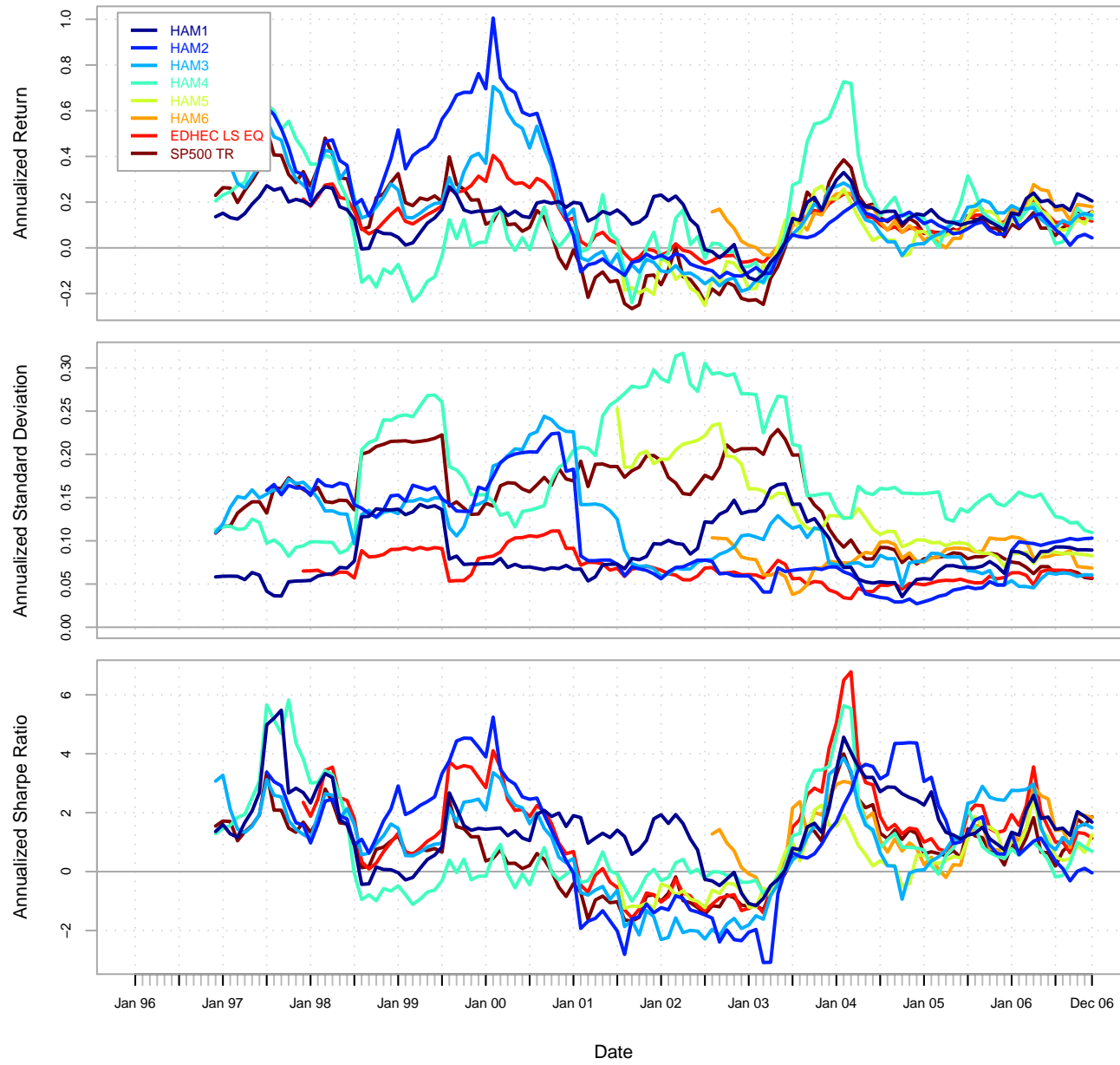
help("chart.VaRSensitivity")

## Convertible Arbitrage Performance



help("charts.PerformanceSummary")

### Rolling 12-Month Performance



## Annualized Performance

	Annualized Return	Annualized Std Dev	Annualized Sharpe (Rf=4%)
HAM1	0.138	0.089	1.1
HAM2	0.175	0.127	1.0
HAM3	0.151	0.126	0.8
HAM4	0.122	0.184	0.4
HAM5	0.037	0.158	0.0
HAM6	0.137	0.082	1.1
EDHEC LS EQ	0.118	0.071	1.1
SP500 TR	0.097	0.150	0.4

help("table.AnnualizedReturns")

## Autocorrelation

	rho1	rho2	rho3	rho4	rho5	rho6	Q(6) p-value
HAM1	0.189	-0.0847	-0.0602	-0.1842	-0.0035	0.0492	0.0788
HAM2	0.1975	0.3046	0.0719	0.077	0.0626	0.1574	0.0011
HAM3	0.0071	0.197	0.0413	0.1237	-0.0717	0.2022	0.0286
HAM4	0.1954	-0.084	-0.1694	-0.0923	-0.0041	-0.0065	0.0812
HAM5	-0.0579	-0.1714	-0.033	0.1371	-0.1462	-0.1148	0.2989
HAM6	0.0982	0.1816	-0.0274	-0.1711	-0.0501	-0.1248	0.3885
EDHEC LS EQ	0.2119	0.0834	0.0254	-0.0435	-0.0533	0.1758	0.0872
SP500 TR	-0.0134	-0.0336	0.0514	-0.0878	0.0853	0.0776	0.7487

help("table.Autocorrelation")

## CAPM-Related Statistics

	HAM1 to SP500 TR	HAM2 to SP500 TR	HAM3 to SP500 TR
<b>Alpha</b>	0.0058	0.0091	0.0062
<b>Beta</b>	0.3901	0.3384	0.5523
<b>Beta+</b>	0.3005	0.5227	0.4858
<b>Beta-</b>	0.4264	0.0698	0.5067
<b>R-squared</b>	0.4339	0.1673	0.4341
<b>Annualized Alpha</b>	0.0715	0.1147	0.0772
<b>Correlation</b>	0.6587	0.409	0.6589
<b>Correlation p-value</b>	0	0	0
<b>Tracking Error</b>	0.0982	0.2106	0.1511
<b>Active Premium</b>	0.0394	0.075	0.0527
<b>Information Ratio</b>	0.4011	0.3563	0.3487
<b>Treynor Ratio</b>	0.2428	0.3883	0.1956

help("table.CAPM")



## Calendar Returns

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Jan	0.7	2.1	0.6	-0.9	-1.0	0.8	1.4	-4.1	0.5	0.0	6.9
Feb	1.9	0.2	4.3	0.9	1.2	0.8	-1.2	-2.5	0.0	2.1	1.5
Mar	1.6	0.9	3.6	4.6	5.8	-1.1	0.6	3.6	0.9	-2.1	4.0
Apr	-0.9	1.3	0.8	5.1	2.0	3.5	0.5	6.5	-0.4	-2.1	-0.1
May	0.8	4.4	-2.3	1.6	3.4	5.8	-0.2	3.4	0.8	0.4	-2.7
Jun	-0.4	2.3	1.2	3.3	1.2	0.2	-2.4	3.1	2.6	1.6	2.2
Jul	-2.3	1.5	-2.1	1.0	0.5	2.1	-7.5	1.8	0.0	0.9	-1.4
Aug	4.0	2.4	-9.4	-1.7	3.9	1.6	0.8	0.0	0.5	1.1	1.6
Sep	1.5	2.2	2.5	-0.4	0.1	-3.1	-5.8	0.9	0.9	2.6	0.7
Oct	2.9	-2.1	5.6	-0.1	-0.8	0.1	3.0	4.8	-0.1	-1.9	4.3
Nov	1.6	2.5	1.3	0.4	1.0	3.4	6.6	1.7	3.9	2.3	1.2
Dec	1.8	1.1	1.0	1.5	-0.7	6.8	-3.2	2.8	4.4	2.6	1.1
<b>HAM1</b>	13.6	20.4	6.1	16.1	17.7	22.4	-8.0	23.7	14.9	7.8	20.5
<b>SP500 TR</b>	23.0	33.4	28.6	21.0	-9.1	-11.9	-22.1	28.7	10.9	4.9	15.8

help ("take.CalendarReturns")

### Capture Ratios for EDHEC LS EQ

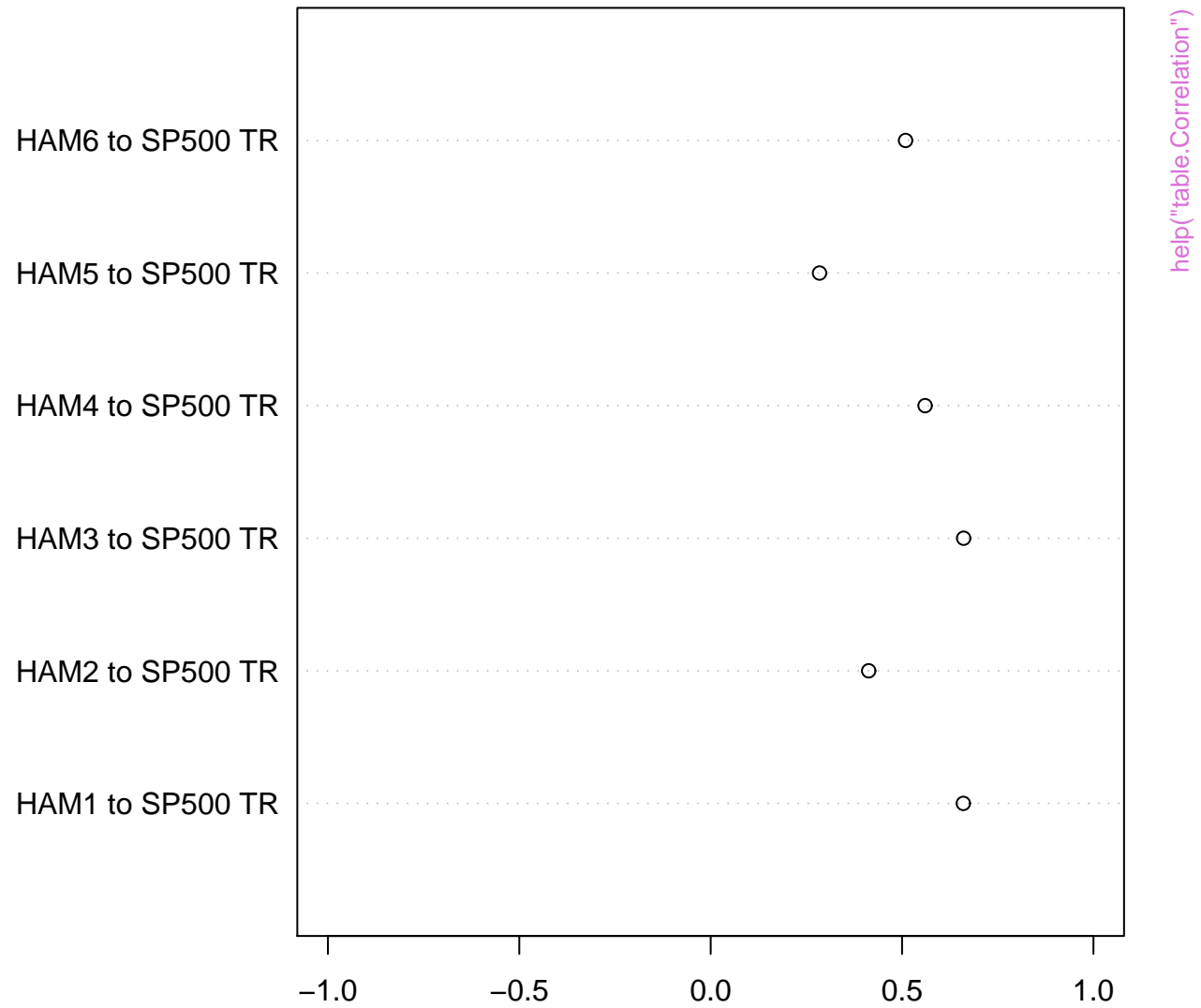
	HAM1	HAM2	HAM3	HAM4	HAM5	HAM6
<b>Up Capture</b>	1.0068	1.1774	1.2443	1.4855	0.9575	1.3205
<b>Down Capture</b>	0.632	0.8091	1.5138	2.3796	1.2573	0.8327
<b>Up Number</b>	0.8675	0.6988	0.8193	0.759	0.7143	0.8837
<b>Down Number</b>	0.5135	0.8378	0.8108	0.7297	0.75	0.619
<b>Up Percent</b>	0.5663	0.4458	0.4819	0.6386	0.551	0.6977
<b>Down Percent</b>	0.6486	0.4324	0.4324	0.3784	0.4286	0.4762

help("table.CaptureRatios")

## Correlations to SP500 TR

	Correlation	p-value	Lower CI	Upper CI
<b>HAM1</b>	0.660	0.000	0.551	0.747
<b>HAM2</b>	0.413	0.000	0.256	0.549
<b>HAM3</b>	0.661	0.000	0.552	0.747
<b>HAM4</b>	0.560	0.000	0.431	0.667
<b>HAM5</b>	0.284	0.012	0.065	0.478
<b>HAM6</b>	0.509	0.000	0.301	0.671

help("table.Correlation")



## Downside Risk Statistics

	Semi Deviation	Gain Deviation	Loss Deviation	Downside Deviation (MAR=5%)	Downside Deviation (Rf=4%)	Downside Deviation (0%)	Maximum Drawdown	Historical VaR (95%)	Historical ES (95%)	Modified VaR (95%)	Modified ES (95%)
Convertible Arbitrage	0.026	0.010	0.026	0.028	0.028	0.031	-0.293	-0.019	-0.049	-0.032	-0.100
CTA Global	0.024	0.017	0.014	0.023	0.022	0.021	-0.117	-0.035	-0.045	-0.034	-0.043
Distressed Securities	0.023	0.010	0.019	0.022	0.022	0.024	-0.229	-0.019	-0.043	-0.028	-0.061
Emerging Markets	0.047	0.021	0.034	0.047	0.047	0.048	-0.360	-0.045	-0.089	-0.064	-0.128
Equity Market Neutral	0.011	0.005	0.014	0.012	0.012	0.016	-0.111	-0.006	-0.019	-0.011	-0.043
Event Driven	0.023	0.010	0.019	0.024	0.024	0.024	-0.201	-0.022	-0.044	-0.028	-0.059
Fixed Income Arbitrage	0.022	0.006	0.023	0.022	0.024	0.027	-0.179	-0.009	-0.042	-0.025	-0.060
Global Macro	0.015	0.014	0.008	0.013	0.013	0.012	-0.079	-0.016	-0.023	-0.016	-0.020
Long/Short Equity	0.025	0.014	0.015	0.023	0.022	0.022	-0.218	-0.025	-0.044	-0.030	-0.047
Merger Arbitrage	0.013	0.006	0.012	0.014	0.015	0.016	-0.056	-0.014	-0.025	-0.015	-0.033
Relative Value	0.017	0.007	0.016	0.017	0.017	0.020	-0.159	-0.013	-0.031	-0.019	-0.049
Short Selling	0.049	0.042	0.032	0.049	0.049	0.048	-0.496	-0.078	-0.111	-0.074	-0.090
Funds of Funds	0.019	0.012	0.015	0.019	0.019	0.019	-0.206	-0.021	-0.039	-0.025	-0.046

help("table.DownsideRisk")

## Largest Drawdowns for HAM1

	From	Trough	To	Depth	Length	To Trough	Recovery
1	2002-02-27	2003-02-27	2003-07-30	-0.152	18	13	5
2	1998-05-30	1998-08-30	1999-03-30	-0.124	11	4	7
3	2005-03-30	2005-04-29	2005-09-29	-0.041	7	2	5
4	2001-09-29	2001-09-29	2001-11-29	-0.031	3	1	2
5	1996-04-29	1996-07-30	1996-08-30	-0.028	5	4	1

help("table.Drawdowns")

## Higher Co-Moments with SP500 TR

	CoSkewness	CoKurtosis	Beta CoVariance	Beta CoSkewness	Beta CoKurtosis
HAM1	0.000	0.000	0.391	0.560	0.482
HAM2	0.000	0.000	0.343	0.045	0.199
HAM3	0.000	0.000	0.557	0.600	0.507
HAM4	0.000	0.000	0.688	1.337	0.848
HAM5	0.000	0.000	0.318	0.374	0.274
HAM6	0.000	0.000	0.324	0.243	0.154

help("table.HigherMoments")

## Statistics for EDHEC Indexes

	Observations	NAs	Minimum	Quartile 1	Median	Arithmetic Mean	Geometric Mean	Quartile 3	Maximum	SE Mean	LCL Mean (0.95)	UCL Mean (0.95)	Variance	Stddev	Skewness	Kurtosis
Convertible Arbitrage	152.0	0.0	-0.124	0.001	0.009	0.006	0.006	0.015	0.061	0.002	0.003	0.010	0.000	0.020	-2.657	15.927
CTA Global	152.0	0.0	-0.054	-0.012	0.005	0.006	0.006	0.023	0.069	0.002	0.002	0.010	0.001	0.025	0.133	-0.151
Distressed Securities	152.0	0.0	-0.084	0.000	0.010	0.008	0.008	0.018	0.050	0.002	0.005	0.011	0.000	0.018	-1.658	6.315
Emerging Markets	152.0	0.0	-0.192	-0.011	0.014	0.008	0.008	0.029	0.123	0.003	0.002	0.014	0.002	0.039	-1.245	4.996
Equity Market Neutral	152.0	0.0	-0.059	0.002	0.006	0.006	0.006	0.010	0.025	0.001	0.005	0.007	0.000	0.009	-2.720	17.140
Event Driven	152.0	0.0	-0.089	0.000	0.010	0.008	0.008	0.019	0.044	0.002	0.005	0.011	0.000	0.018	-1.701	5.994
Fixed Income Arbitrage	152.0	0.0	-0.087	0.002	0.006	0.004	0.004	0.010	0.036	0.001	0.002	0.006	0.000	0.014	-3.671	19.215
Global Macro	152.0	0.0	-0.031	-0.004	0.006	0.008	0.008	0.016	0.074	0.001	0.005	0.010	0.000	0.017	0.807	1.703
Long/Short Equity	152.0	0.0	-0.068	-0.004	0.010	0.008	0.008	0.021	0.074	0.002	0.004	0.011	0.000	0.022	-0.378	1.191
Merger Arbitrage	152.0	0.0	-0.054	0.002	0.008	0.007	0.007	0.014	0.027	0.001	0.005	0.009	0.000	0.011	-1.631	5.678
Relative Value	152.0	0.0	-0.069	0.002	0.008	0.007	0.007	0.014	0.039	0.001	0.005	0.009	0.000	0.013	-2.081	9.005
Short Selling	152.0	0.0	-0.134	-0.025	0.000	0.004	0.003	0.036	0.246	0.004	-0.005	0.013	0.003	0.055	0.572	2.180
Funds of Funds	152.0	0.0	-0.062	-0.003	0.007	0.006	0.006	0.015	0.067	0.002	0.003	0.009	0.000	0.018	-0.455	3.217

help("table.MonthlyReturns")



## Trailing Period Statistics

	Merger Arbitrage	Relative Value	Short Selling	Funds of Funds
Last 12 month Sharpe Ratio	0.175	0.008	0.048	-0.236
Last 24 month Sharpe Ratio	0.189	0.023	0.172	-0.175
Last 36 month Sharpe Ratio	0.401	0.163	0.088	0.010
Last 12 month Modified VaR	-0.024	-0.060	-0.076	-0.059
Last 24 month Modified VaR	-0.021	-0.046	-0.062	-0.048
Last 36 month Modified VaR	-0.018	-0.037	-0.055	-0.041

help("table.RollingPeriods")

	HAM1	HAM2	HAM3	HAM4	HAM5	HAM6
<b>Annualized Return</b>	0.1375	0.1747	0.1512	0.1215	0.0373	0.1373
<b>Annualized Std Dev</b>	0.0888	0.1272	0.1265	0.1843	0.1584	0.0825
<b>Annualized Sharpe (Rf=0%)</b>	1.5491	1.3732	1.1955	0.6592	0.2356	1.6642

## Calendar Returns

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
<b>HAM1</b>	13.6	20.4	6.1	16.1	17.7	22.4	-8.0	23.7	14.9	7.8	20.5
<b>HAM2</b>	25.7	32.0	39.0	76.3	13.1	-4.6	-12.3	10.9	13.3	6.0	4.4
<b>HAM3</b>	40.6	27.5	28.0	41.4	13.4	-6.4	-19.0	26.0	1.7	15.3	14.2
<b>HAM4</b>	20.6	43.1	-11.3	2.3	4.3	6.8	-8.2	56.9	13.8	9.4	12.7
<b>HAM5</b>					11.2	-20.4	-10.8	21.5	7.0	6.6	15.7
<b>HAM6</b>						14.3	2.9	20.8	7.3	10.4	18.0
<b>EDHEC LS EQ</b>		21.4	14.6	31.4	12.0	-1.2	-6.4	19.3	8.6	11.3	11.7
<b>SP500 TR</b>	23.0	33.4	28.6	21.0	-9.1	-11.9	-22.1	28.7	10.9	4.9	15.8

help("textplot")