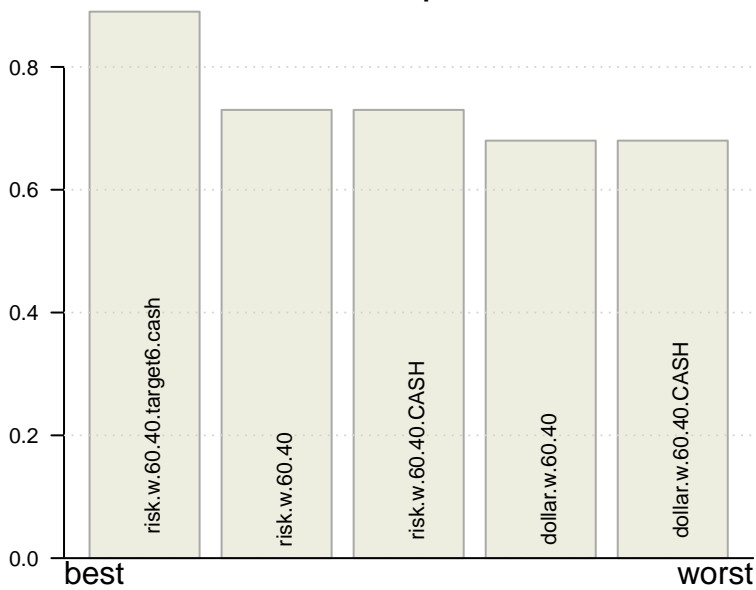
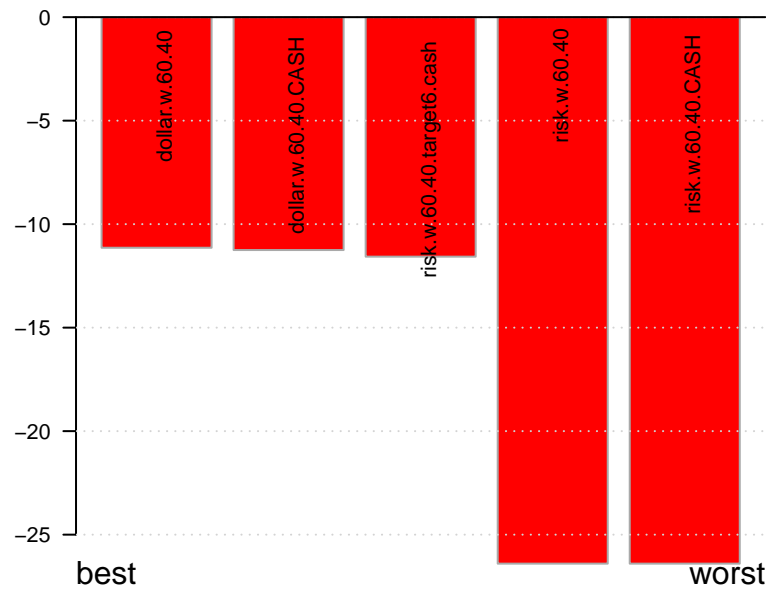


System	dollar.w.60.40	risk.w.60.40	risk.w.60.40.CASH	dollar.w.60.40.CASH	risk.w.60.40.target6.cash
Period	Dec1989 – Jun2015	Dec1989 – Jun2015	Dec1989 – Jun2015	Dec1989 – Jun2015	Dec1989 – Jun2015
Cagr	3.08	8.08	8.04	3.12	6.39
Sharpe	0.68	0.73	0.73	0.68	0.89
DVR	0.66	0.69	0.69	0.66	0.88
Volatility	4.66	11.51	11.51	4.71	7.26
MaxDD	-11.14	-26.4	-26.4	-11.25	-11.57
AvgDD	-0.99	-2.29	-2.31	-0.99	-1.5
VaR	-0.45	-1.12	-1.12	-0.46	-0.69
CVaR	-0.66	-1.63	-1.63	-0.67	-0.99
Exposure	99.83	99.49	99.83	99.83	99.19

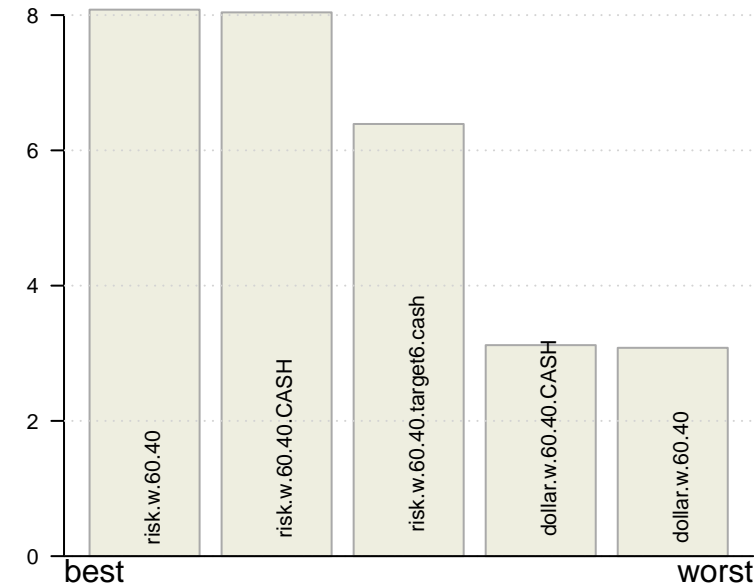
Sharpe



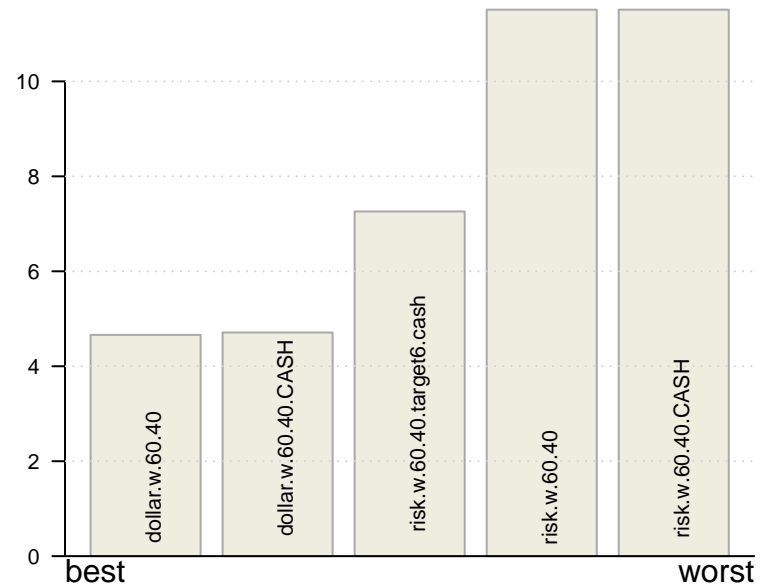
MaxDD



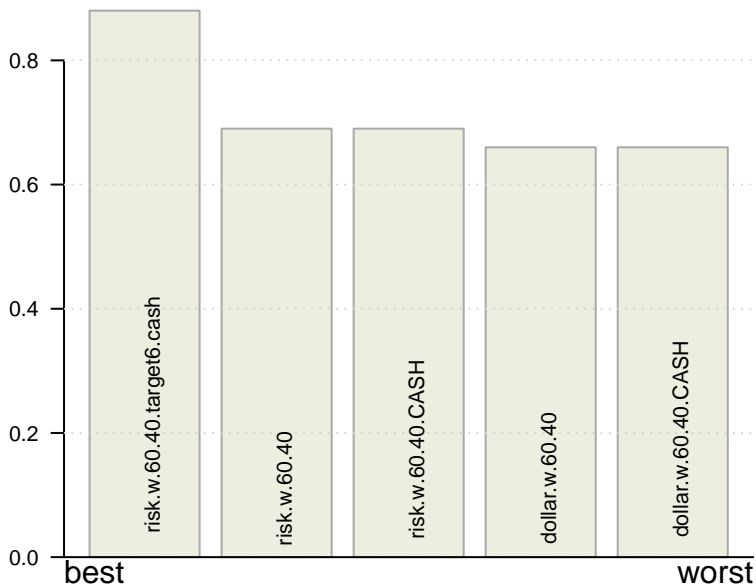
Cagr



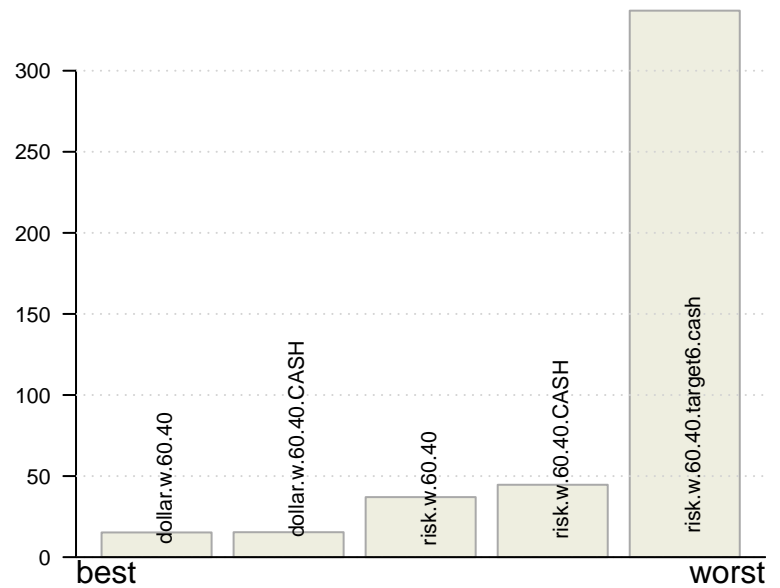
Volatility

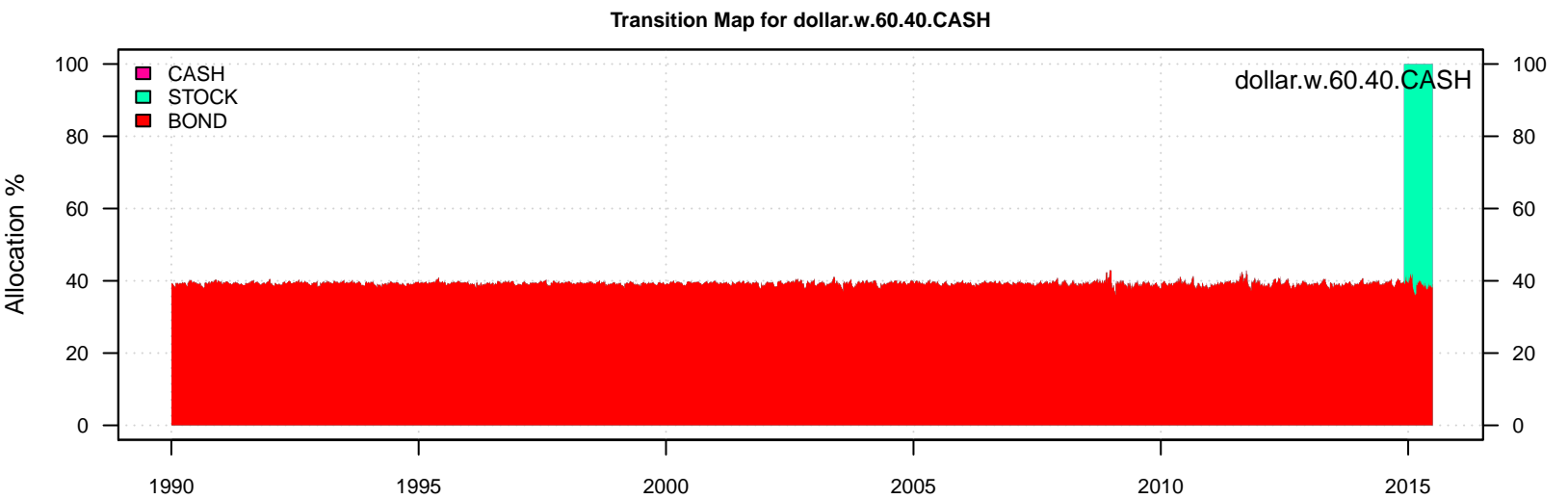
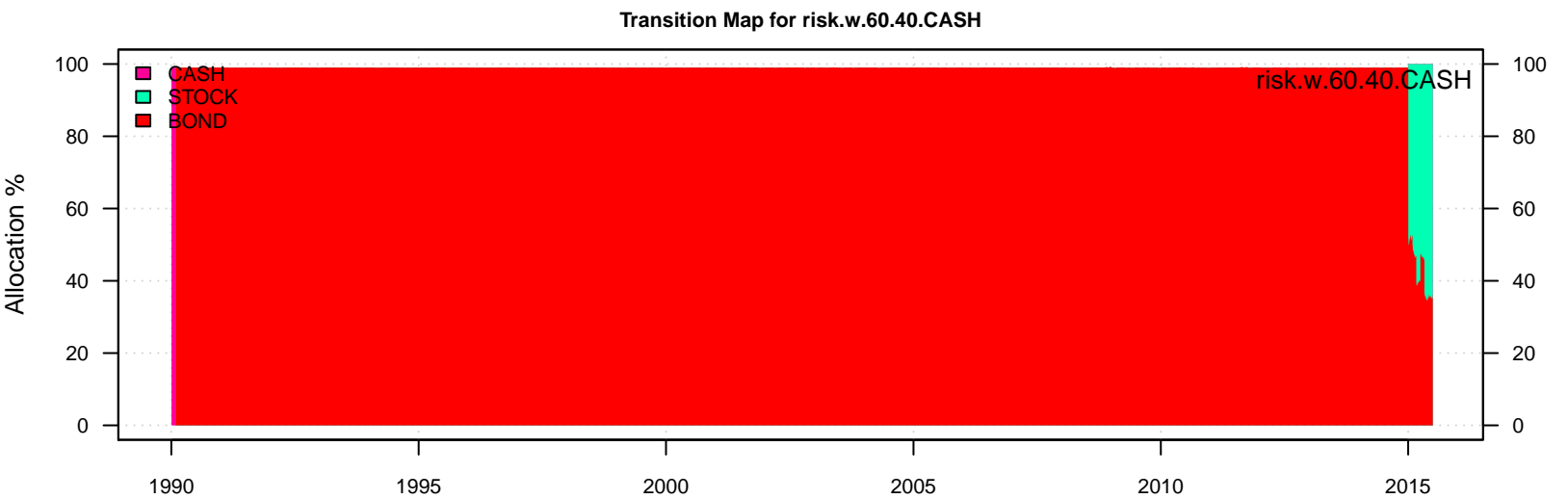
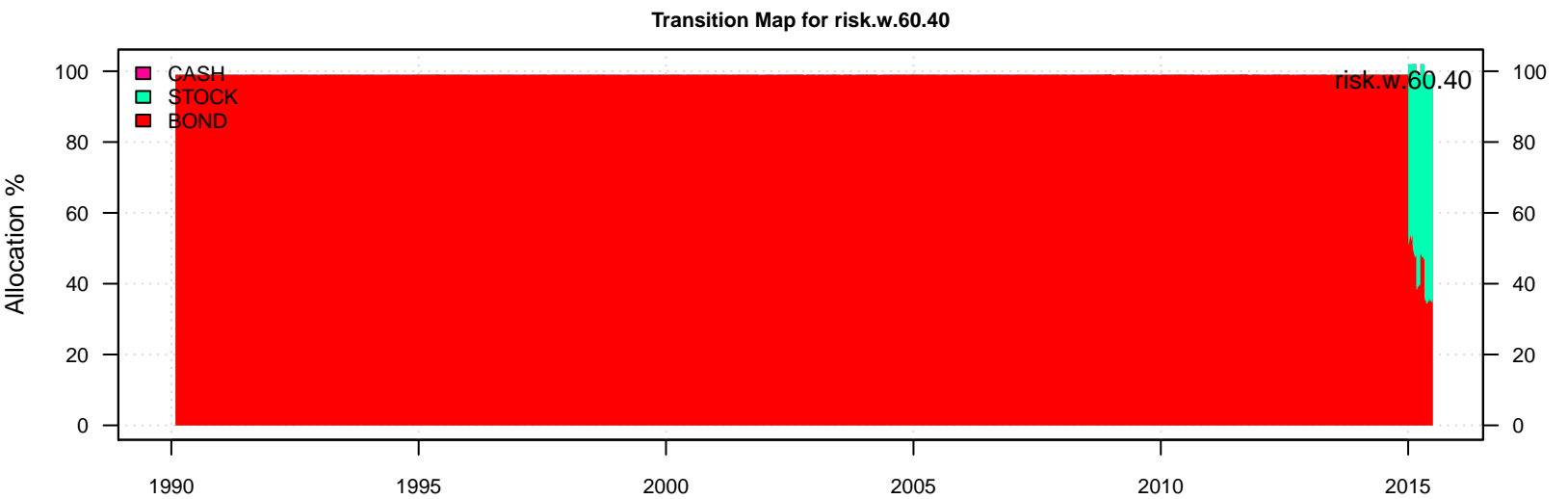
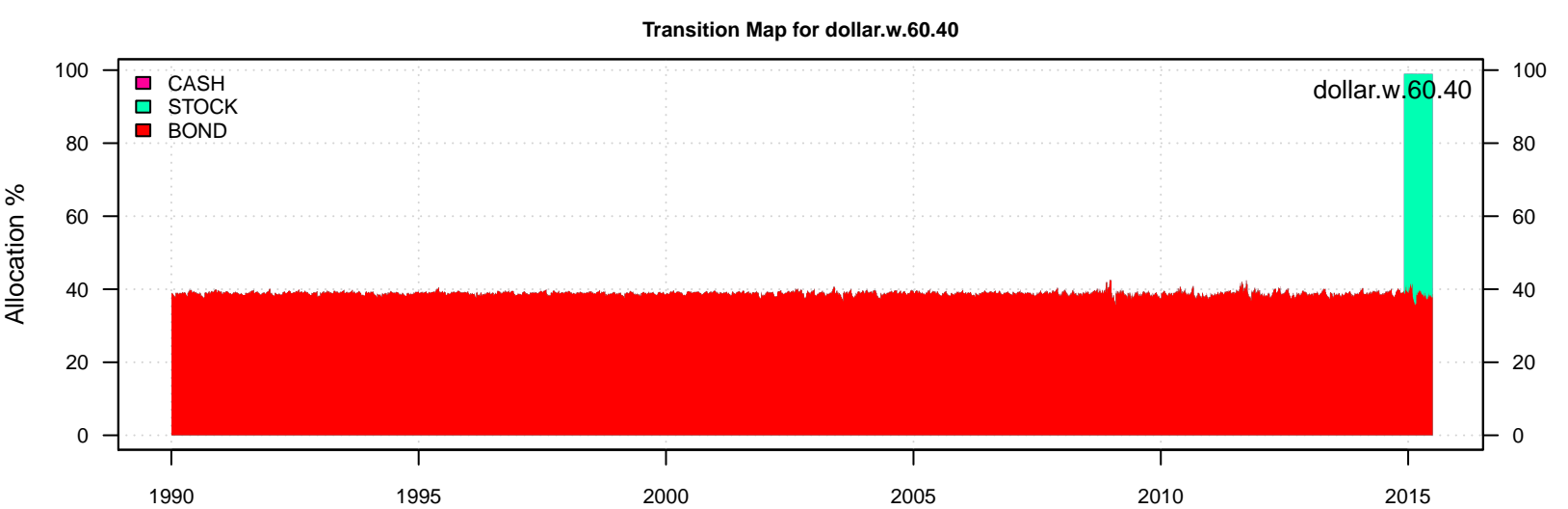


DVR

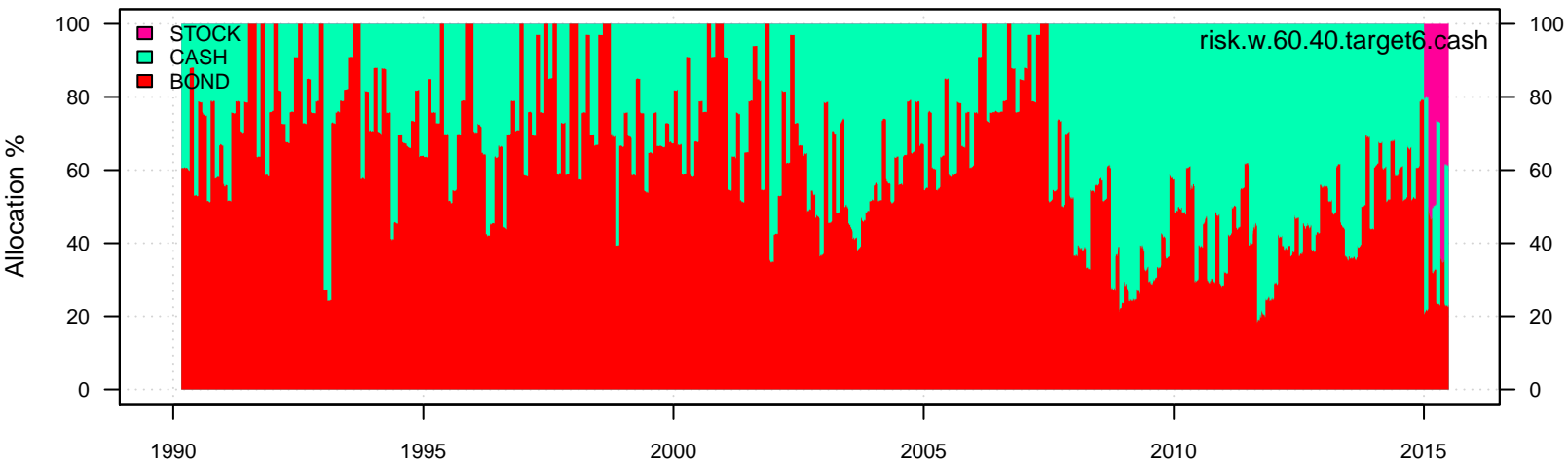


Turnover





Transition Map for risk.w.60.40.target6.cash



dollar.w.60.40	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	MaxDD
1989													0.0	0.0
1990		-1.4	-0.2	0.0	-1.1	1.7	0.8	0.2	-1.6	0.4	0.8	1.8	0.8	2.2
1991		0.6	0.2	0.0	0.6	0.0	-0.4	0.6	1.5	1.1	0.0	0.0	2.4	6.6
1992		-1.2	0.2	-0.5	0.0	1.0	0.5	1.5	0.3	0.6	-0.8	0.1	1.2	3.0
1993		1.0	1.3	0.0	0.3	0.1	1.7	0.5	1.6	0.1	0.2	-1.0	0.1	6.2
1994		0.9	-1.5	-1.6	-0.4	-0.3	-0.3	1.1	-0.3	-1.1	-0.2	0.3	0.6	-2.8
1995		1.0	1.1	0.3	0.6	3.0	0.5	-0.6	0.8	0.7	1.1	0.9	1.1	10.9
1996		0.0	-1.9	-0.8	-0.7	-0.2	0.8	0.0	-0.5	1.0	1.5	1.3	-1.0	-0.6
1997		-0.2	0.0	-1.0	1.0	0.3	0.7	2.0	-1.0	1.0	1.2	0.5	0.7	5.3
1998		0.7	-0.3	0.1	0.2	0.6	0.9	-0.2	1.9	1.3	-0.7	0.3	0.0	4.9
1999		0.3	-1.8	-0.2	0.1	-0.6	-0.5	-0.2	-0.3	0.4	0.1	-0.3	-0.8	-3.5
2000		0.4	1.2	1.1	-0.3	-0.2	0.9	0.6	0.7	-0.3	0.6	1.1	0.9	7.1
2001		0.1	0.7	-0.2	-1.0	0.1	0.3	1.4	0.8	0.4	1.9	-2.0	-0.7	1.7
2002		0.4	0.5	-1.5	1.4	0.1	0.7	1.0	2.1	1.7	-1.5	-0.4	1.8	6.5
2003		-0.2	1.2	-0.5	0.4	2.5	-0.7	-3.9	0.5	2.3	-1.2	0.1	0.5	0.7
2004		0.7	0.9	0.5	-2.4	-0.1	0.4	0.6	1.6	0.4	0.7	-0.9	1.0	3.3
2005		1.4	-0.6	-0.2	1.5	1.2	0.8	-1.3	1.3	-1.4	-0.9	0.3	1.2	3.3
2006		-0.5	0.4	-1.8	-1.1	-0.1	0.4	0.8	1.2	0.7	0.3	0.9	-1.1	0.2
2007		-0.4	1.3	-0.7	0.3	-0.9	-0.4	1.3	0.7	0.1	0.7	2.1	-0.3	3.9
2008		0.8	-0.2	0.8	-1.0	-1.1	1.0	-0.2	1.1	0.6	-0.7	5.6	5.3	12.5
2009		-5.1	-0.6	1.6	-2.7	-1.5	0.3	0.2	0.9	0.9	-1.0	0.5	-2.5	-8.9
2010		1.0	-0.1	-0.8	1.3	2.0	2.3	-0.4	3.3	-1.0	-1.8	-0.7	-1.5	3.5
2011		-1.2	0.6	0.0	0.9	1.3	-0.9	1.7	3.8	5.1	-1.5	0.8	1.3	12.4
2012		-0.1	-1.0	-1.7	1.9	3.5	-0.7	1.5	-0.5	-1.0	-0.2	0.4	-1.0	1.0
2013		-1.3	0.5	-0.2	1.8	-2.6	-1.3	-0.9	-0.5	0.2	0.5	-1.1	-0.7	-5.4
2014		2.4	0.2	0.3	0.8	1.1	-0.1	0.2	1.8	-0.8	1.1	1.1	0.1	9.7
2015		2.0	1.0	-0.5	-0.8	-0.2	-2.8						-1.3	-5.0
Avg		0.1	0.1	-0.3	0.1	0.4	0.2	0.3	0.8	0.5	0.0	0.5	0.4	3.0

risk.w.60.40	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	MaxDD
1989													0.0	0.0
1990		-0.1	-0.5	0.0	-2.7	4.4	2.1	0.5	-4.1	1.1	2.1	4.7	2.0	9.4
1991		1.5	0.5	0.0	1.4	0.0	-1.0	1.4	3.7	2.7	0.0	0.0	6.1	17.4
1992		-2.9	0.4	-1.3	0.0	2.6	1.2	3.7	0.8	1.6	-2.0	0.4	3.2	7.7
1993		2.7	3.4	0.0	0.7	0.3	4.3	1.4	4.0	0.3	0.6	-2.6	0.3	16.4
1994		2.3	-3.9	-4.0	-1.1	-0.7	-0.7	2.8	-0.7	-2.8	-0.4	0.7	1.4	-7.0
1995		2.5	2.7	0.7	1.7	7.5	1.2	-1.5	2.1	1.8	2.9	2.3	2.8	29.9
1996		0.0	-4.9	-2.0	-1.8	-0.6	2.1	0.0	-1.2	2.6	3.7	3.3	-2.4	-1.5
1997		-0.6	0.0	-2.5	2.5	0.8	1.9	5.1	-2.6	2.6	3.1	1.2	1.7	13.9
1998		1.7	-0.7	0.2	0.5	1.6	2.3	-0.5	4.8	3.3	-1.7	0.8	0.0	12.9
1999		0.8	-4.7	-0.5	0.2	-1.6	-1.1	-0.5	-0.7	0.9	0.2	-0.7	-1.4	-8.6
2000		1.2	3.0	2.9	-0.7	-0.4	2.4	1.5	1.9	-0.8	1.7	2.9	2.4	19.2
2001		0.4	1.7	-0.6	-2.5	0.2	0.8	3.5	2.1	0.9	4.9	-5.1	-1.7	4.4
2002		1.1	1.3	-3.8	3.6	0.4	1.8	2.7	5.4	4.2	-3.7	-0.9	4.5	17.2
2003		-0.6	3.1	-1.4	1.0	6.2	-1.8	-9.9	1.3	5.9	-3.0	0.3	1.3	1.5
2004		1.8	2.2	1.4	-6.2	-0.3	1.0	1.5	4.1	0.9	1.7	-2.4	2.6	8.5
2005		3.5	-1.5	-0.5	3.8	3.1	2.1	-3.4	3.4	-3.6	-2.2	0.7	2.9	8.4
2006		-1.3	1.1	-4.5	-2.7	-0.2	1.2	2.1	3.0	1.9	0.8	2.3	-2.7	0.6
2007		-1.0	3.3	-1.7	0.9	-2.3	-1.0	3.3	1.8	0.2	1.8	5.3	-0.6	10.1
2008		2.1	-0.5	2.1	-2.5	-2.7	2.6	-0.4	2.7	1.5	-1.9	14.2	13.5	33.4
2009		-13.0	-1.5	4.0	-6.9	-3.7	0.7	0.6	2.2	2.4	-2.6	1.2	-6.3	-21.7
2010		2.7	-0.3	-2.0	3.3	5.0	5.7	-0.9	8.3	-2.5	-4.4	-1.7	-3.7	8.8
2011		-3.1	1.6	0.0	2.3	3.4	-2.3	4.4	9.6	13.1	-3.8	2.0	3.4	33.5
2012		-0.3	-2.6	-4.2	4.8	8.9	-1.7	3.8	-1.3	-2.5	-0.5	1.1	-2.5	2.3
2013		-3.2	1.2	-0.4	4.6	-6.7	-3.2	-2.2	-1.3	0.6	1.4	-2.7	-1.9	-13.4
2014		6.2	0.5	0.7	2.1	2.9	-0.3	0.6	4.7	-2.1	2.8	2.9	3.2	26.8
2015		3.5	-0.3	-0.5	-1.1	-0.1	-2.7						-1.4	-5.2
Avg		0.3	0.2	-0.7	0.2	1.1	0.7	0.8	2.2	1.4	0.1	1.2	1.1	8.5

risk.w.60.40.CASH	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	MaxDD
1989													0.0	0.0
1990		-0.8	-0.5	0.0	-2.7	4.4	2.1	0.5	-4.1	1.1	2.1	4.7	2.0	8.7
1991		1.5	0.5	0.0	1.4	0.0	-1.0	1.4	3.7	2.7	0.0	0.0	6.1	17.4
1992		-2.9	0.4	-1.3	0.0	2.6	1.2	3.7	0.8	1.6	-2.0	0.4	3.2	7.7
1993		2.7	3.4	0.0	0.7	0.3	4.3	1.4	4.0	0.3	0.6	-2.6	0.3	16.4
1994		2.3	-3.9	-4.0	-1.1	-0.7	-0.7	2.8	-0.7	-2.8	-0.4	0.7	1.4	-7.0
1995		2.5	2.7	0.7	1.7	7.5	1.2	-1.5	2.1	1.8	2.9	2.3	2.8	29.9
1996		0.0	-4.9	-2.0	-1.8	-0.6	2.1	0.0	-1.2	2.6	3.7	3.3	-2.4	-1.5
1997		-0.6	0.0	-2.5	2.5	0.8	1.9	5.1	-2.6	2.6	3.1	1.2	1.7	13.9
1998		1.7	-0.7	0.2	0.5	1.6	2.3	-0.5	4.8	3.3	-1.7	0.8	0.0	12.9
1999		0.8	-4.7	-0.5	0.2	-1.6	-1.1	-0.5	-0.7	0.9	0.2	-0.7	-1.4	-8.6
2000		1.2	3.0	2.9	-0.7	-0.4	2.4	1.5	1.9	-0.8	1.7	2.9	2.4	19.2
2001		0.4	1.7	-0.6	-2.5	0.2	0.8	3.5	2.1	0.9	4.9	-5.1	-1.7	4.4
2002		1.1	1.3	-3.8	3.6	0.4	1.8	2.7	5.4	4.2	-3.7	-0.9	4.5	17.2
2003		-0.6	3.1	-1.4	1.0	6.2	-1.8	-9.9	1.3	5.9	-3.0	0.3	1.3	1.5
2004		1.8	2.2	1.4	-6.2	-0.3	1.0	1.5	4.1	0.9	1.7	-2.4	2.6	8.5
2005		3.5	-1.5	-0.5	3.8	3.1	2.1	-3.4	3.4	-3.6	-2.2	0.7	2.9	8.4
2006		-1.3	1.1	-4.5	-2.7	-0.2	1.2	2.1	3.0	1.9	0.8	2.3	-2.7	0.6
2007		-1.0	3.3	-1.7	0.9	-2.3	-1.0	3.3	1.8	0.2	1.8	5.3	-0.6	10.1
2008		2.1	-0.5	2.1	-2.5	-2.7	2.6	-0.4	2.7	1.5	-1.9	14.2	13.5	33.4
2009		-13.0	-1.5	4.0	-6.9	-3.7	0.7	0.6	2.2	2.4	-2.6	1.2	-6.3	-21.7
2010		2.7	-0.3	-2.0	3.3	5.0	5.7	-0.9	8.3	-2.5	-4.4	-1.7	-3.7	8.8
2011		-3.1	1.6	0.0	2.3	3.4	-2.3	4.4	9.6	13.1	-3.8	2.0	3.4	33.5
2012		-0.3	-2.6	-4.2	4.8	8.9	-1.7	3.8	-1.3	-2.5	-0.5	1.1	-2.5	2.3
2013		-3.2	1.2	-0.4	4.6	-6.7	-3.2	-2.2	-1.3	0.6	1.4	-2.7	-1.9	-13.4
2014		6.2	0.5	0.7	2.1	2.9	-0.3	0.6	4.7	-2.1	2.8	2.9	3.2	26.8
2015		3.4	-0.3	-0.5	-1.1	-0.1	-2.7						-1.4	-5.2
Avg		0.3	0.2	-0.7	0.2	1.1	0.7	0.8	2.2	1.4	0.1	1.2	1.1	8.4

dollar.w.60.40.CASH	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	MaxDD
1989													0.0	0.0
1990	-1.4	-0.2	0.0	-1.1	1.7	0.8	0.2	-1.7	0.4	0.8	1.9	0.8	2.2	-3.1
1991	0.6	0.2	0.0	0.6	0.0	-0.4	0.6	1.5	1.1	0.0	0.0	2.4	6.6	-1.5
1992	-1.2	0.2	-0.5	0.0	1.0	0.5	1.5	0.3	0.6	-0.8	0.1	1.3	3.0	-2.7
1993	1.1	1.3	0.0	0.3	0.1	1.7	0.5	1.6	0.1	0.2	-1.0	0.1	6.2	-2.3
1994	0.9	-1.5	-1.6	-0.4	-0.3	-0.3	1.1	-0.3	-1.1	-0.2	0.3	0.6	-2.9	-5.2
1995	1.0	1.1	0.3	0.7	3.0	0.5	-0.6	0.8	0.7	1.2	0.9	1.1	11.0	-1.9
1996	0.0	-2.0	-0.8	-0.7	-0.2	0.8	0.0	-0.5	1.0	1.5	1.3	-1.0	-0.6	-4.4
1997	-0.2	0.0	-1.0	1.0	0.3	0.8	2.0	-1.0	1.0	1.2	0.5	0.7	5.3	-2.0
1998	0.7	-0.3	0.1	0.2	0.6	0.9	-0.2	1.9	1.3	-0.7	0.3	0.0	4.9	-2.7
1999	0.3	-1.9	-0.2	0.1	-0.6	-0.5	-0.2	-0.3	0.4	0.1	-0.3	-0.8	-3.6	-4.2
2000	0.5	1.2	1.1	-0.3	-0.2	1.0	0.6	0.7	-0.3	0.7	1.1	0.9	7.2	-2.2
2001	0.1	0.7	-0.2	-1.0	0.1	0.3	1.4	0.8	0.4	2.0	-2.0	-0.7	1.7	-3.8
2002	0.4	0.5	-1.5	1.4	0.1	0.7	1.1	2.2	1.7	-1.5	-0.4	1.8	6.6	-2.6
2003	-0.2	1.2	-0.5	0.4	2.5	-0.7	-3.9	0.5	2.3	-1.2	0.1	0.5	0.8	-6.4
2004	0.7	0.9	0.5	-2.5	-0.1	0.4	0.6	1.6	0.4	0.7	-1.0	1.0	3.3	-4.4
2005	1.4	-0.6	-0.2	1.5	1.2	0.8	-1.3	1.4	-1.4	-0.9	0.3	1.2	3.3	-2.9
2006	-0.5	0.4	-1.8	-1.1	-0.1	0.5	0.8	1.2	0.7	0.3	0.9	-1.1	0.2	-3.8
2007	-0.4	1.3	-0.7	0.3	-0.9	-0.4	1.3	0.7	0.1	0.7	2.1	-0.3	3.9	-3.2
2008	0.8	-0.2	0.8	-1.0	-1.1	1.0	-0.2	1.1	0.6	-0.7	5.6	5.4	12.6	-3.0
2009	-5.2	-0.6	1.6	-2.7	-1.5	0.3	0.2	0.9	1.0	-1.0	0.5	-2.5	-9.0	-10.4
2010	1.1	-0.1	-0.8	1.3	2.0	2.3	-0.4	3.3	-1.0	-1.8	-0.7	-1.5	3.6	-6.2
2011	-1.2	0.6	0.0	0.9	1.3	-0.9	1.7	3.8	5.2	-1.5	0.8	1.3	12.5	-4.4
2012	-0.1	-1.0	-1.7	1.9	3.5	-0.7	1.5	-0.5	-1.0	-0.2	0.4	-1.0	1.0	-4.1
2013	-1.3	0.5	-0.2	1.8	-2.7	-1.3	-0.9	-0.5	0.2	0.6	-1.1	-0.7	-5.5	-7.0
2014	2.5	0.2	0.3	0.8	1.2	-0.1	0.3	1.9	-0.8	1.1	1.1	1.1	9.8	-2.0
2015	2.1	1.0	-0.5	-0.8	-0.2	-2.8							-1.3	-5.1
Avg	0.1	0.1	-0.3	0.1	0.4	0.2	0.3	0.9	0.5	0.0	0.5	0.4	3.1	-3.3

risk-w.60-40-targetf.cash	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	MaxDD
1989													0.0	0.0
1990	0.0	-0.1	0.0	-1.8	4.1	1.7	0.7	-3.2	0.9	1.9	3.3	1.8	9.5	-5.7
1991	1.2	0.5	0.1	1.3	0.2	-0.8	1.4	3.7	2.3	-0.1	0.5	5.2	16.7	-2.9
1992	-3.0	0.4	-1.1	0.2	2.3	1.3	3.7	0.9	1.5	-1.9	0.1	3.1	7.6	-6.7
1993	1.8	1.8	0.0	0.7	0.1	3.7	1.2	4.1	0.3	0.4	-2.2	0.3	12.9	-4.6
1994	2.1	-3.2	-3.7	-1.1	-0.3	-0.3	2.3	-0.4	-2.2	-0.3	0.4	0.9	-5.8	-10.5
1995	2.2	2.6	0.6	1.5	7.6	1.0	-0.8	1.5	1.4	2.5	2.3	2.8	28.1	-3.0
1996	0.3	-3.9	-1.5	-0.9	-0.4	1.6	0.1	-0.5	2.2	3.3	2.7	-2.5	0.1	-7.8
1997	-0.2	0.0	-2.0	2.5	0.8	1.9	4.6	-2.6	2.0	2.5	0.8	1.7	12.4	-4.1
1998	1.7	-0.5	0.2	0.4	1.3	1.7	-0.5	4.8	3.3	-1.1	0.0	0.1	12.0	-4.7
1999	0.7	-3.7	0.0	0.2	-1.4	-0.5	-0.3	-0.5	0.9	0.1	-0.5	-1.0	-6.0	-7.2
2000	0.8	2.2	2.1	-0.6	-0.1	2.1	1.3	1.7	-0.9	1.6	2.9	2.4	16.6	-4.3
2001	0.5	1.3	-0.1	-2.0	0.3	0.6	3.1	2.0	1.1	3.3	-5.1	-1.0	3.8	-8.1
2002	0.4	0.9	-3.5	2.9	0.3	1.7	2.4	3.6	2.4	-1.9	-0.7	2.3	11.2	-4.3
2003	-0.5	1.6	-0.9	0.6	4.7	-0.8	-4.8	0.5	2.8	-1.7	0.1	1.2	2.4	-8.0
2004	1.1	1.4	1.1	-4.1	-0.2	0.6	1.0	2.9	0.7	1.2	-2.0	1.8	5.5	-7.2
2005	1.9	-1.2	-0.3	2.3	2.1	1.8	-2.2	2.3	-2.9	-1.5	0.6	1.9	4.7	-5.5
2006	-1.0	1.0	-4.6	-2.0	-0.1	0.9	1.8	2.5	1.9	0.8	1.8	-2.3	0.5	-8.0
2007	-0.9	3.3	-1.3	0.9	-2.3	-1.0	2.1	1.4	0.3	1.1	4.2	-0.2	7.7	-7.5
2008	1.8	0.4	1.0	-1.4	-1.6	1.6	0.0	1.6	1.2	0.3	5.9	3.3	14.6	-4.4
2009	-4.2	-0.5	1.3	-2.0	-1.4	0.2	0.2	0.9	1.0	-1.1	0.8	-4.1	-8.7	-9.1
2010	1.7	-0.1	-1.2	2.1	3.0	2.0	-0.3	3.9	-0.7	-1.2	-0.9	-1.2	7.1	-5.2
2011	-0.9	0.6	-0.1	1.3	2.0	-1.5	1.9	4.3	2.3	-0.8	0.5	0.9	10.8	-2.5
2012	-0.1	-1.2	-1.7	2.0	3.3	-0.9	1.5	-0.6	-1.2	-0.2	0.5	-1.4	-0.2	-4.6
2013	-1.8	0.6	-0.2	2.8	-3.2	-1.3	-0.7	-0.6	0.4	0.7	-1.9	-0.9	-6.0	-7.9
2014	3.9	0.3	0.4	1.1	2.0	-0.2	0.4	2.5	-1.5	1.6	1.8	2.5	15.7	-3.4
2015	1.7	-0.3	-0.4	-0.6	-0.1	-1.7							-1.4	-3.5
Avg	0.4	0.2	-0.6	0.2	0.9	0.6	0.8	1.5	0.8	0.4	0.6	0.7	6.4	-5.6

risk.w.60.40.target6.cash	weight	entry.date	exit.date	nhold	entry.price	exit.price	return
BOND	60.6	2014-10-31	2014-11-28	28	117.23	120.71	1.80
CASH	39.4	2014-10-31	2014-11-28	28	84.44	84.53	0.04
BOND	78.8	2014-11-28	2014-12-31	33	120.71	124.63	2.56
CASH	21.2	2014-11-28	2014-12-31	33	84.53	84.28	-0.06
STOCK	20.6	2014-12-31	2015-01-30	30	203.64	197.60	-0.61
BOND	20.6	2014-12-31	2015-01-30	30	124.63	136.87	2.02
CASH	58.8	2014-12-31	2015-01-30	30	84.28	84.81	0.37
STOCK	50.0	2015-01-30	2015-02-27	28	197.60	208.71	2.81
BOND	50.0	2015-01-30	2015-02-27	28	136.87	128.47	-3.07
STOCK	50.0	2015-02-27	2015-03-31	32	208.71	205.43	-0.79
BOND	32.4	2015-02-27	2015-03-31	32	128.47	129.87	0.35
CASH	17.6	2015-02-27	2015-03-31	32	84.56	84.77	0.04
STOCK	26.5	2015-03-31	2015-04-30	30	205.43	207.45	0.26
BOND	23.5	2015-03-31	2015-04-30	30	129.87	125.42	-0.81
CASH	50.0	2015-03-31	2015-04-30	30	84.77	84.80	0.02
STOCK	63.6	2015-04-30	2015-05-29	29	207.45	210.12	0.82
BOND	36.4	2015-04-30	2015-05-29	29	125.42	122.45	-0.86
STOCK	38.2	2015-05-29	2015-06-30	32	210.12	205.89	-0.77
BOND	23.5	2015-05-29	2015-06-30	32	122.45	117.53	-0.94
CASH	38.2	2015-05-29	2015-06-30	32	84.83	84.86	0.01

Date	STOCK	BOND	CASH
2013-11-27	0	44	56
2013-12-30	0	61	39
2014-01-30	0	68	32
2014-02-27	0	61	39
2014-03-28	0	52	48
2014-04-29	0	68	32
2014-05-29	0	59	41
2014-06-27	0	61	39
2014-07-30	0	52	48
2014-08-28	0	67	33
2014-09-29	0	52	48
2014-10-30	0	61	39
2014-11-26	0	79	21
2014-12-30	21	21	59
2015-01-29	50	50	0
2015-02-26	50	32	18
2015-03-30	26	24	50
2015-04-29	64	36	0
2015-05-28	38	24	38
2015-06-29	58	33	9