| System | strategy |
|---|---|
| Period | May1996 – Mar2016 |
| Cagr | 9.26 |
| Sharpe | 1.15 |
| DVR | 1.12 |
| Volatility | 8.03 |
| MaxDD | −13.48 |
| AvgDD | −1.2 |
| VaR | −0.75 |
| CVaR | −1.18 |
| Exposure | 99.72 |

## Sharpe

best    strategy    worst

## MaxDD

best    strategy    worst

## Cagr

best    strategy    worst

## Volatility

best    strategy    worst

## DVR

best    strategy    worst

## Turnover

best    strategy    worst
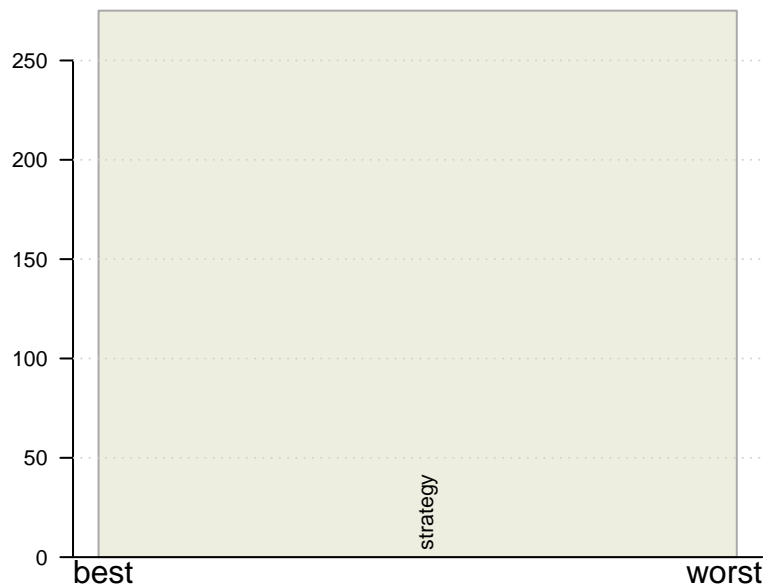
**Transition Map for strategy**

strategy

Allocation %

- COMMODITIES
- FOREIGN.STOCKS
- US.STOCKS
- REAL.ESTATE
- CASH
- US.10YR.GOV.BOND
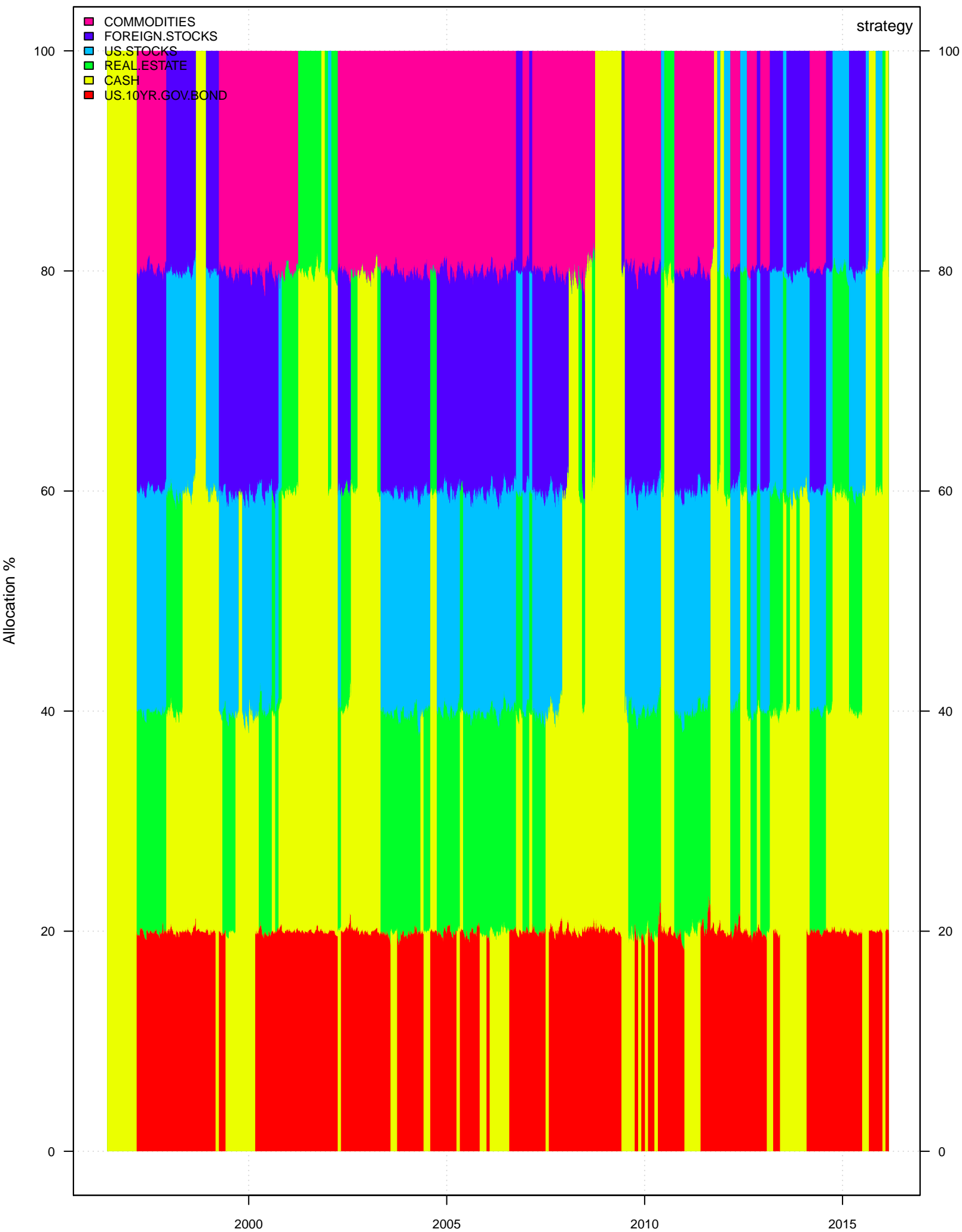
| strategy | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Year | MaxDD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1996 | | | | | | 1.3 | 0.2 | −0.2 | 1.7 | 2.2 | 1.7 | −0.9 | 6.2 | −1.8 |
| 1997 | 0.2 | 0.0 | −0.6 | 0.9 | 4.0 | 2.2 | 3.8 | −2.2 | 5.0 | −1.8 | −0.2 | 1.5 | 13.3 | −5.0 |
| 1998 | 1.0 | 2.0 | 2.5 | 0.3 | 0.0 | 1.1 | −0.1 | −4.7 | 2.3 | −0.6 | 0.3 | 2.1 | 6.0 | −7.0 |
| 1999 | 1.4 | −2.7 | 1.9 | 2.5 | −1.9 | 3.1 | −0.6 | 1.0 | 1.2 | 0.3 | 3.2 | 4.7 | 14.8 | −3.6 |
| 2000 | −1.2 | 3.1 | 1.8 | −1.3 | 0.9 | 3.4 | 0.3 | 2.1 | −1.2 | −1.2 | 2.4 | 2.2 | 11.9 | −4.2 |
| 2001 | 1.1 | 0.1 | −0.6 | −0.1 | 0.9 | 1.5 | 1.4 | 1.6 | 0.2 | 0.8 | −1.6 | −0.2 | 5.3 | −3.3 |
| 2002 | 0.1 | 1.1 | −0.2 | −0.1 | 0.8 | 0.8 | −2.5 | 2.1 | 1.3 | −0.8 | −0.4 | 3.3 | 5.7 | −5.2 |
| 2003 | 1.5 | 2.3 | −1.8 | 0.7 | 5.3 | 1.2 | 1.1 | 2.3 | 1.3 | 2.9 | 1.7 | 4.4 | 25.5 | −4.0 |
| 2004 | 2.4 | 3.1 | 1.7 | −5.1 | 1.0 | 0.3 | −0.4 | 2.8 | 1.3 | 2.5 | 2.6 | 1.8 | 14.4 | −7.1 |
| 2005 | −2.0 | 3.0 | −0.5 | −0.7 | 1.1 | 2.1 | 3.4 | 1.2 | 1.0 | −3.0 | 2.4 | 2.4 | 10.6 | −4.4 |
| 2006 | 4.4 | −0.9 | 2.5 | 1.7 | −2.3 | 0.7 | 1.5 | 1.3 | 0.2 | 2.8 | 2.5 | −0.4 | 14.8 | −7.4 |
| 2007 | 1.7 | −0.4 | 0.5 | 1.8 | 1.0 | −2.0 | −0.2 | 0.6 | 4.0 | 3.7 | −0.9 | 1.2 | 11.2 | −5.6 |
| 2008 | 0.2 | 2.5 | 0.3 | 0.5 | 0.5 | −1.5 | −1.8 | −0.5 | −2.4 | −2.6 | 4.7 | 5.1 | 4.7 | −13.1 |
| 2009 | −2.5 | −0.6 | 1.5 | −0.2 | 0.1 | 0.0 | 4.5 | 3.5 | 3.4 | −0.8 | 4.5 | 1.4 | 15.6 | −4.9 |
| 2010 | −4.3 | 2.9 | 4.3 | 2.4 | −6.3 | −1.1 | 2.6 | 1.3 | 0.8 | 3.3 | −1.4 | 5.2 | 9.4 | −9.8 |
| 2011 | 1.9 | 3.1 | 0.2 | 4.0 | −1.4 | −2.2 | 0.9 | −3.3 | −2.1 | −0.2 | −0.8 | 1.3 | 0.9 | −13.5 |
| 2012 | 2.7 | 0.3 | 0.8 | 0.3 | −6.2 | 1.8 | 1.3 | 1.6 | 0.6 | −1.3 | 0.6 | 1.5 | 3.8 | −7.7 |
| 2013 | 2.5 | −0.7 | 1.5 | 2.9 | −2.4 | −2.1 | 1.5 | −2.8 | 2.9 | 2.0 | −0.6 | 0.4 | 5.0 | −8.2 |
| 2014 | −0.9 | 2.3 | 0.1 | 1.3 | 1.3 | 1.4 | −1.7 | 2.2 | −3.0 | 3.1 | 1.4 | 0.4 | 8.0 | −3.1 |
| 2015 | 2.6 | −0.7 | 0.1 | −0.3 | −0.2 | −2.4 | 0.8 | −1.4 | 0.8 | −0.2 | −0.3 | −0.3 | −1.7 | −6.2 |
| 2016 | 0.2 | 0.9 | 0.1 | | | | | | | | | | 1.3 | −1.3 |
| Avg | 0.7 | 1.0 | 0.8 | 0.6 | −0.2 | 0.5 | 0.8 | 0.4 | 1.0 | 0.6 | 1.1 | 1.9 | 8.9 | −6.0 |

| strategy | weight | entry.date | exit.date | nhold | entry.price | exit.price | return |
|---|---|---|---|---|---|---|---|
| CASH | 80 | 2015–07–31 | 2015–08–31 | 31 | 80.74 | 80.54 | −0.20 |
| US.10YR.GOV.BOND | 20 | 2015–08–31 | 2015–09–30 | 30 | 105.55 | 107.22 | 0.32 |
| CASH | 80 | 2015–08–31 | 2015–09–30 | 30 | 80.54 | 81.03 | 0.48 |
| US.10YR.GOV.BOND | 20 | 2015–09–30 | 2015–10–30 | 30 | 107.22 | 106.54 | −0.13 |
| CASH | 80 | 2015–09–30 | 2015–10–30 | 30 | 81.03 | 81.05 | 0.02 |
| US.STOCKS | 20 | 2015–10–30 | 2015–11–30 | 31 | 105.93 | 106.56 | 0.12 |
| US.10YR.GOV.BOND | 20 | 2015–10–30 | 2015–11–30 | 31 | 106.54 | 106.08 | −0.09 |
| REAL.ESTATE | 20 | 2015–10–30 | 2015–11–30 | 31 | 78.79 | 78.30 | −0.13 |
| CASH | 40 | 2015–10–30 | 2015–11–30 | 31 | 81.05 | 80.73 | −0.16 |
| US.STOCKS | 20 | 2015–11–30 | 2015–12–31 | 31 | 106.56 | 104.30 | −0.42 |
| US.10YR.GOV.BOND | 20 | 2015–11–30 | 2015–12–31 | 31 | 106.08 | 105.44 | −0.12 |
| REAL.ESTATE | 20 | 2015–11–30 | 2015–12–31 | 31 | 78.30 | 79.73 | 0.37 |
| CASH | 40 | 2015–11–30 | 2015–12–31 | 31 | 80.73 | 80.59 | −0.07 |
| REAL.ESTATE | 20 | 2015–12–31 | 2016–01–29 | 29 | 79.73 | 76.99 | −0.69 |
| CASH | 80 | 2015–12–31 | 2016–01–29 | 29 | 80.59 | 81.56 | 0.96 |
| US.10YR.GOV.BOND | 20 | 2016–01–29 | 2016–02–29 | 31 | 108.95 | 110.57 | 0.30 |
| CASH | 80 | 2016–01–29 | 2016–02–29 | 31 | 81.56 | 82.25 | 0.68 |
| US.10YR.GOV.BOND | 20 | 2016–02–29 | 2016–03–02 | 2 | 110.57 | 109.36 | −0.22 |
| REAL.ESTATE | 20 | 2016–02–29 | 2016–03–02 | 2 | 76.71 | 79.44 | 0.71 |
| CASH | 60 | 2016–02–29 | 2016–03–02 | 2 | 82.25 | 81.76 | −0.36 |

| Date | US.STOCKS | FOREIGN.STOCKS | US.10YR.GOV.BOND | REAL.ESTATE | COMMODITIES | CASH |
|---|---|---|---|---|---|---|
| 2014-07-30 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2014-08-28 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2014-09-29 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2014-10-30 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2014-11-26 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2014-12-30 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2015-01-29 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2015-02-26 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2015-03-30 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2015-04-29 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2015-05-28 | 20 | 20 | 20 | 20 | 0 | 20 |
| 2015-06-29 | 20 | 20 | 0 | 0 | 0 | 60 |
| 2015-07-30 | 20 | 0 | 0 | 0 | 0 | 80 |
| 2015-08-28 | 0 | 0 | 20 | 0 | 0 | 80 |
| 2015-09-29 | 0 | 0 | 20 | 0 | 0 | 80 |
| 2015-10-29 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2015-11-27 | 20 | 0 | 20 | 20 | 0 | 40 |
| 2015-12-30 | 0 | 0 | 0 | 20 | 0 | 80 |
| 2016-01-28 | 0 | 0 | 20 | 0 | 0 | 80 |
| 2016-02-26 | 0 | 0 | 20 | 20 | 0 | 60 |