



| System     | strategy          |
|------------|-------------------|
| Period     | May1996 – Oct2015 |
| Cagr       | 9.42              |
| Sharpe     | 1.19              |
| DVR        | 1.15              |
| Volatility | 7.88              |
| MaxDD      | −13.24            |
| AvgDD      | −1.14             |
| VaR        | −0.73             |
| CVaR       | −1.15             |
| Exposure   | 99.71             |

**Sharpe**



**MaxDD**



**Cagr**



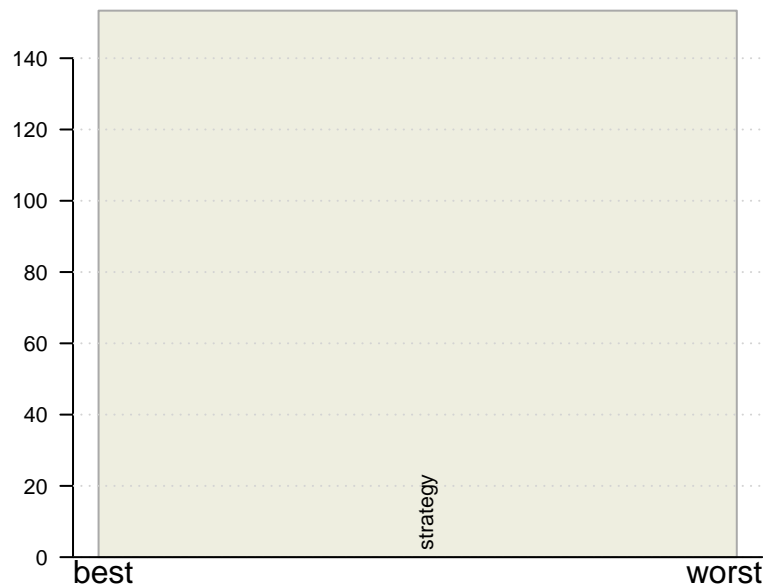
**Volatility**



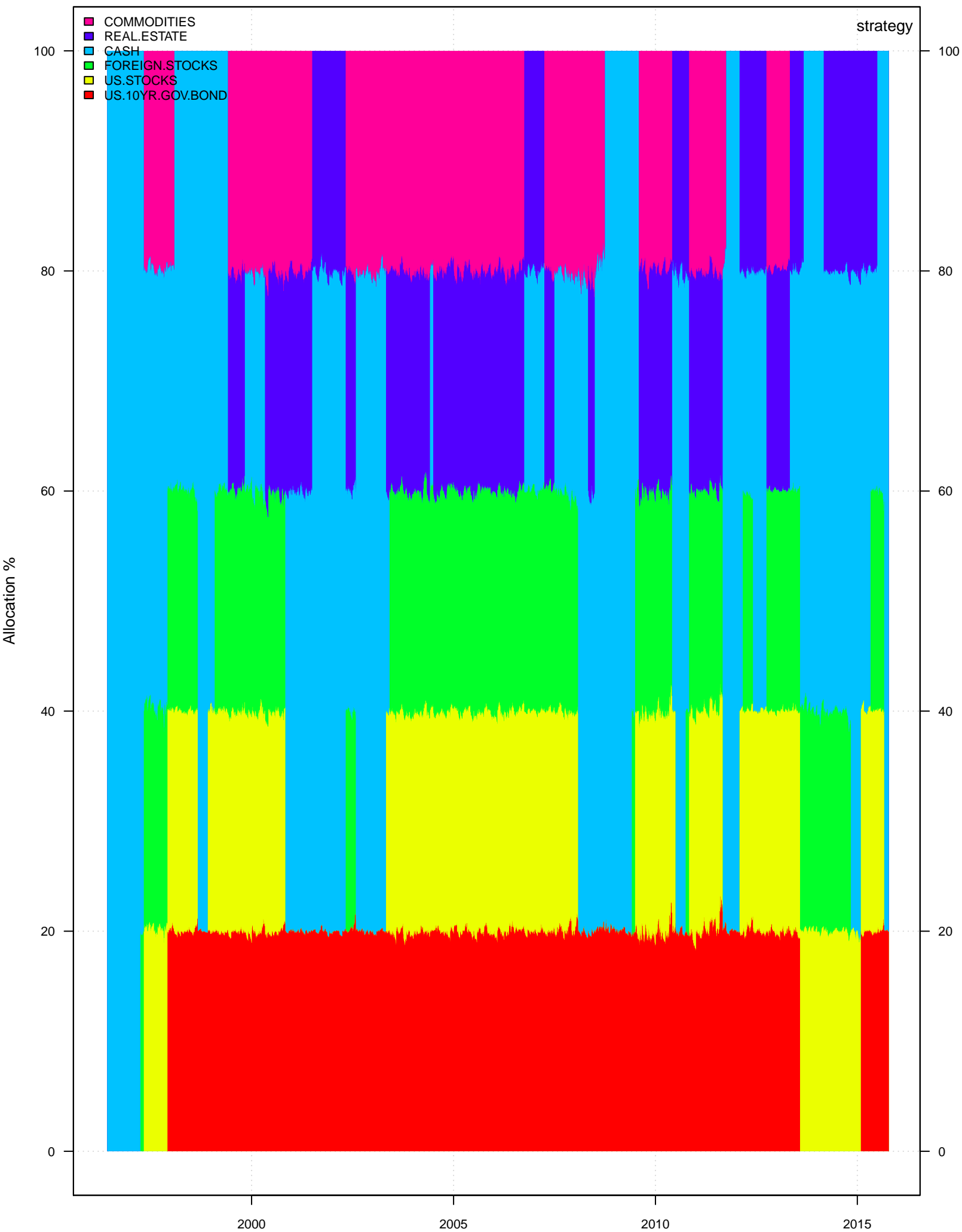
**DVR**



**Turnover**



Transition Map for strategy



| 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  | 0.1  | -1.0 | 1.2  | 3.6  | 1.4  | 3.8  | -2.2 | 3.5  | -1.0 | -0.4 | 0.2  | 9.5  | -3.8  |
| 1998     | 1.1  | 2.4  | 2.1  | 1.1  | 0.0  | 1.1  | -0.1 | -4.7 | 2.3  | -0.6 | 0.3  | 1.6  | 6.3  | -7.0  |
| 1999     | 1.3  | -2.7 | 2.0  | 2.1  | -1.8 | 3.1  | -0.6 | 1.0  | 0.1  | 0.9  | 3.2  | 4.6  | 13.6 | -3.6  |
| 2000     | -1.3 | 3.1  | 1.9  | -2.7 | 0.9  | 3.4  | 0.3  | 3.3  | -1.2 | -2.1 | 2.4  | 2.2  | 10.5 | -5.2  |
| 2001     | 1.1  | 0.1  | -0.5 | 0.8  | 0.2  | 0.5  | 1.4  | 1.6  | 0.2  | 0.9  | -0.1 | -0.2 | 5.9  | -2.2  |
| 2002     | 0.5  | 1.1  | -0.1 | 1.6  | 0.8  | 0.8  | -2.5 | 2.4  | 2.3  | -0.8 | -0.4 | 3.3  | 9.3  | -5.2  |
| 2003     | 1.5  | 2.3  | -1.8 | 0.1  | 4.2  | 1.2  | 1.2  | 2.4  | 1.8  | 2.9  | 1.7  | 4.4  | 24.0 | -4.0  |
| 2004     | 2.4  | 3.1  | 1.7  | -5.1 | 2.5  | -0.2 | -0.4 | 2.2  | 2.3  | 2.5  | 2.6  | 1.8  | 16.2 | -7.4  |
| 2005     | -2.0 | 3.0  | -0.5 | -0.4 | 1.7  | 2.1  | 3.4  | 1.2  | 1.0  | -3.0 | 2.5  | 2.5  | 11.7 | -4.4  |
| 2006     | 4.5  | -1.0 | 2.4  | 1.6  | -2.3 | 0.7  | 1.6  | 1.3  | 0.2  | 2.8  | 2.5  | 0.0  | 15.1 | -7.3  |
| 2007     | 2.2  | -0.3 | 0.3  | 1.8  | 1.0  | -2.0 | 0.0  | 0.6  | 4.0  | 3.7  | -0.9 | 0.9  | 11.6 | -5.3  |
| 2008     | -1.3 | 2.5  | 0.3  | 0.5  | 0.5  | 0.2  | -1.8 | -0.5 | -2.4 | -2.6 | 4.7  | 5.1  | 4.8  | -11.6 |
| 2009     | -2.5 | -0.6 | 1.5  | -0.2 | 0.1  | -0.2 | 4.3  | 3.5  | 3.4  | -0.7 | 4.7  | 1.4  | 15.3 | -4.9  |
| 2010     | -4.1 | 2.9  | 4.3  | 2.6  | -6.3 | -1.1 | 2.6  | 1.3  | 0.8  | 1.7  | -1.4 | 5.2  | 8.1  | -9.7  |
| 2011     | 1.9  | 3.0  | 0.2  | 4.0  | -1.2 | -2.2 | 0.9  | -3.3 | -2.1 | -0.2 | 0.0  | 1.3  | 2.1  | -13.2 |
| 2012     | 0.6  | 0.4  | 1.0  | 0.8  | -3.7 | 1.8  | 1.3  | 0.5  | 0.1  | -1.3 | 1.0  | 1.5  | 3.9  | -5.1  |
| 2013     | 2.5  | -0.5 | 1.6  | 1.9  | -2.4 | -2.3 | 2.2  | -2.8 | 2.9  | 2.0  | 0.4  | 0.4  | 5.9  | -8.3  |
| 2014     | -0.9 | 2.3  | 0.2  | 1.2  | 1.7  | 1.1  | -0.8 | 2.1  | -2.9 | 2.8  | 1.4  | 0.4  | 8.7  | -4.0  |
| 2015     | 2.2  | -0.6 | 0.5  | -1.4 | -0.2 | -2.4 | 0.9  | -2.9 | 0.8  | 0.2  |      |      | -3.1 | -8.0  |
| Avg      | 0.5  | 1.1  | 0.8  | 0.6  | -0.1 | 0.4  | 0.9  | 0.3  | 0.9  | 0.5  | 1.4  | 1.9  | 9.3  | -6.1  |

| strategy         | weight | entry.date | exit.date  | nhold | entry.price | exit.price | return |
|------------------|--------|------------|------------|-------|-------------|------------|--------|
| US.10YR.GOV.BOND | 20     | 2015-04-30 | 2015-05-29 | 29    | 106.54      | 106.09     | -0.08  |
| REAL.ESTATE      | 20     | 2015-04-30 | 2015-05-29 | 29    | 77.81       | 77.57      | -0.06  |
| CASH             | 20     | 2015-04-30 | 2015-05-29 | 29    | 82.08       | 81.68      | -0.10  |
| US.STOCKS        | 20     | 2015-05-29 | 2015-06-30 | 32    | 108.84      | 107.02     | -0.33  |
| FOREIGN.STOCKS   | 20     | 2015-05-29 | 2015-06-30 | 32    | 49.95       | 48.55      | -0.56  |
| US.10YR.GOV.BOND | 20     | 2015-05-29 | 2015-06-30 | 32    | 106.09      | 104.36     | -0.33  |
| REAL.ESTATE      | 20     | 2015-05-29 | 2015-06-30 | 32    | 77.57       | 73.95      | -0.93  |
| CASH             | 20     | 2015-05-29 | 2015-06-30 | 32    | 81.68       | 80.77      | -0.22  |
| US.STOCKS        | 20     | 2015-06-30 | 2015-07-31 | 31    | 107.02      | 108.84     | 0.34   |
| FOREIGN.STOCKS   | 20     | 2015-06-30 | 2015-07-31 | 31    | 48.55       | 48.41      | -0.06  |
| US.10YR.GOV.BOND | 20     | 2015-06-30 | 2015-07-31 | 31    | 104.36      | 105.95     | 0.30   |
| CASH             | 40     | 2015-06-30 | 2015-07-31 | 31    | 80.77       | 81.48      | 0.35   |
| US.STOCKS        | 20     | 2015-07-31 | 2015-08-31 | 31    | 108.84      | 102.21     | -1.22  |
| FOREIGN.STOCKS   | 20     | 2015-07-31 | 2015-08-31 | 31    | 48.41       | 44.66      | -1.55  |
| US.10YR.GOV.BOND | 20     | 2015-07-31 | 2015-08-31 | 31    | 105.95      | 106.03     | 0.02   |
| CASH             | 40     | 2015-07-31 | 2015-08-31 | 31    | 81.48       | 81.28      | -0.10  |
| US.10YR.GOV.BOND | 20     | 2015-08-31 | 2015-09-30 | 30    | 106.03      | 107.71     | 0.32   |
| CASH             | 80     | 2015-08-31 | 2015-09-30 | 30    | 81.28       | 81.77      | 0.48   |
| US.10YR.GOV.BOND | 20     | 2015-09-30 | 2015-10-12 | 12    | 107.71      | 107.80     | 0.02   |
| CASH             | 80     | 2015-09-30 | 2015-10-12 | 12    | 81.77       | 81.91      | 0.14   |

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