

Cyclical Super Sector Model

| | <u>Model</u> | <u>S&P 500</u> | | <u>Model</u> | <u>S&P 500</u> | | <u>Model</u> | <u>S&P 500</u> |
|---|--------------|--------------------|-----------------------|--------------|--------------------|-----------------------------------|--------------|--------------------|
| | | | Annual Returns | | | Compound Annual Growth | | |
| Sharpe | 0.59 | 0.63 | 1993 | 40.43 | 10.07 | Inception | 15.98 | 10.24 |
| Skew | -0.19 | -0.77 | 1994 | -20.32 | 1.32 | 30 Year | 15.82 | 10.46 |
| Kurtosis | 1.83 | 1.44 | 1995 | 25.63 | 37.59 | 25 Year | 13.59 | 7.44 |
| Max drawdown | -53.21 | -50.95 | 1996 | 41.94 | 22.96 | 20 Year | 13.98 | 10.01 |
| Up Capture | 1.32 | | 1997 | 26.89 | 33.38 | 15 Year | 17.32 | 14.61 |
| Down Capture | 1.19 | | 1998 | 17.55 | 28.57 | 10 Year | 12.40 | 12.41 |
| Alpha | 2.17 | | 1999 | 32.22 | 21.06 | 5 Year | 14.52 | 13.19 |
| Beta | 1.30 | | 2000 | 33.23 | -9.09 | 3 Year | 2.23 | 8.06 |
| Up Beta | 1.48 | | 2001 | 5.70 | -11.86 | | | |
| Down Beta | 1.29 | | 2002 | -20.62 | -22.10 | Standard Deviation History | | |
| Correlation | 0.81 | | 2003 | 72.33 | 28.69 | Inception | 26.87 | 16.21 |
| Up Correlation | 0.67 | | 2004 | 18.25 | 10.88 | 30 Year | 27.22 | 16.49 |
| Down Correlation | 0.74 | | 2005 | 24.38 | 4.91 | 25 Year | 27.69 | 16.70 |
| | | | 2006 | 6.00 | 15.79 | 20 Year | 25.98 | 16.19 |
| Positive months | 224 | 249 | 2007 | 8.19 | 5.49 | 15 Year | 24.82 | 15.70 |
| Negative months | 152 | 127 | 2008 | -42.88 | -37.00 | 10 Year | 24.47 | 16.35 |
| Win rate | 59.57 | 66.22 | 2009 | 75.34 | 26.47 | 5 Year | 30.52 | 20.10 |
| | | | 2010 | 17.70 | 15.06 | 3 Year | 29.60 | 18.96 |
| Positive quarters | 87 | 92 | 2011 | 10.55 | 2.11 | | | |
| Negative quarters | 38 | 33 | 2012 | 43.46 | 16.00 | Average Monthly Returns | | |
| Win rate | 69.60 | 73.60 | 2013 | 42.49 | 32.39 | January | 0.93 | 0.53 |
| | | | 2014 | 8.77 | 13.69 | February | 1.76 | -0.02 |
| Positive years | 25 | 25 | 2015 | 1.46 | 1.38 | March | 2.69 | 1.26 |
| Negative years | 6 | 6 | 2016 | -0.80 | 11.96 | April | 2.83 | 1.71 |
| Win Rate | 80.65 | 80.65 | 2017 | 39.32 | 21.83 | May | 0.41 | 0.74 |
| | | | 2018 | -18.40 | -4.38 | June | 0.43 | 0.21 |
| Positive positions | 731 | | 2019 | 34.44 | 31.49 | July | 1.40 | 1.34 |
| Average gain | 15.99 | | 2020 | 39.41 | 18.40 | August | -0.24 | -0.27 |
| Negative positions | 516 | | 2021 | 16.23 | 28.71 | September | -1.33 | -0.79 |
| Average loss | -11.87 | | 2022 | -11.17 | -18.11 | October | 0.95 | 1.62 |
| | | | 2023 | 19.49 | 26.29 | November | 2.93 | 2.27 |
| Trades | 290 | | 2024-04 | 6.23 | 6.04 | December | 1.95 | 1.14 |
| ... per month | 0.77 | | | | | | | |
| | | | | | | May-Oct | 0.68 | 1.23 |
| | | | | | | Nov-Apr | 14.04 | 8.51 |
| Range of Historical Rolling CAGRs: | | | | | | | | |
| Best 1-year | 122.50 | 56.35 | | | | | | |
| Worst 1-year | -46.13 | -43.32 | | | | | | |
| Best 3-year | 47.09 | 32.82 | | | | | | |
| Worst 3-year | -19.15 | -16.08 | | | | | | |
| Best 5-year | 40.51 | 28.56 | | | | | | |
| Worst 5-year | -5.06 | -6.64 | | | | | | |
| Best 10-year | 23.41 | 16.67 | | | | | | |
| Worst 10-year | 5.74 | -3.43 | | | | | | |

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