

# All Cap Growth Model for Open Architecture 401k

|   | <u>Model</u> | <u>S&amp;P 500</u> |                       | <u>Model</u> | <u>S&amp;P 500</u> |                                   | <u>Model</u> | <u>S&amp;P 500</u> |
|---|--------------|--------------------|-----------------------|--------------|--------------------|-----------------------------------|--------------|--------------------|
|   |              |                    | <b>Annual Returns</b> |              |                    | <b>Compound Annual Growth</b>     |              |                    |
| Sharpe                                    | 0.79         | 0.46               | 1999                  | 67.44        | 21.06              | Inception                         | 16.24        | 7.71               |
| Skew                                      | -0.05        | -0.65              | 2000                  | 19.94        | -9.09              | 25 Year                           | 15.78        | 7.44               |
| Kurtosis                                  | 2.03         | 1.06               | 2001                  | 19.92        | -11.86             | 20 Year                           | 12.81        | 10.01              |
| Max drawdown                              | -44.71       | -50.95             | 2002                  | -2.72        | -22.10             | 15 Year                           | 16.17        | 14.61              |
| Up Capture                                | 1.16         |                    | 2003                  | 67.10        | 28.69              | 10 Year                           | 14.35        | 12.41              |
| Down Capture                              | 0.79         |                    | 2004                  | 20.24        | 10.88              | 5 Year                            | 15.65        | 13.19              |
| Alpha                                     | 8.45         |                    | 2005                  | 10.18        | 4.91               | 3 Year                            | 6.38         | 8.06               |
| Beta                                      | 0.93         |                    | 2006                  | 7.88         | 15.79              |                                   |              |                    |
| Up Beta                                   | 0.93         |                    | 2007                  | 21.36        | 5.49               | <b>Standard Deviation History</b> |              |                    |
| Down Beta                                 | 0.88         |                    | 2008                  | -34.77       | -37.00             | Inception                         | 20.50        | 16.65              |
| Correlation                               | 0.76         |                    | 2009                  | 43.11        | 26.47              | 25 Year                           | 20.41        | 16.70              |
| Up Correlation                            | 0.59         |                    | 2010                  | 30.79        | 15.06              | 20 Year                           | 19.22        | 16.19              |
| Down Correlation                          | 0.56         |                    | 2011                  | -3.30        | 2.11               | 15 Year                           | 18.82        | 15.70              |
|   |              |                    | 2012                  | 17.27        | 16.00              | 10 Year                           | 19.32        | 16.35              |
| Positive months                           | 194          | 195                | 2013                  | 33.94        | 32.39              | 5 Year                            | 24.24        | 20.10              |
| Negative months                           | 110          | 109                | 2014                  | 4.59         | 13.69              | 3 Year                            | 21.19        | 18.96              |
| Win rate                                  | 63.82        | 64.14              | 2015                  | -2.98        | 1.38               |                                   |              |                    |
|   |              |                    | 2016                  | 10.56        | 11.96              | <b>Average Monthly Returns</b>    |              |                    |
| Positive quarters                         | 71           | 71                 | 2017                  | 20.58        | 21.83              | January                           | 0.62         | -0.01              |
| Negative quarters                         | 30           | 30                 | 2018                  | 6.84         | -4.38              | February                          | 1.79         | -0.46              |
| Win rate                                  | 70.30        | 70.30              | 2019                  | 24.09        | 31.49              | March                             | 0.62         | 1.46               |
|   |              |                    | 2020                  | 59.04        | 18.40              | April                             | 1.65         | 1.72               |
| Positive years                            | 20           | 19                 | 2021                  | 8.60         | 28.71              | May                               | 1.49         | 0.33               |
| Negative years                            | 5            | 6                  | 2022                  | -9.28        | -18.11             | June                              | 0.84         | -0.10              |
| Win Rate                                  | 80.00        | 76.00              | 2023                  | 15.11        | 26.29              | July                              | 0.59         | 1.34               |
|   |              |                    | 2024-04               | 11.22        | 6.04               | August                            | 1.11         | 0.12               |
| Positive positions                        | 349          |                    |                       |              |                    | September                         | -0.70        | -1.70              |
| Average gain                              | 9.41         |                    |                       |              |                    | October                           | 1.32         | 1.57               |
| Negative positions                        | 156          |                    |                       |              |                    | November                          | 3.49         | 2.13               |
| Average loss                              | -7.01        |                    |                       |              |                    | December                          | 2.23         | 1.02               |
|   |              |                    |                       |              |                    |                                   |              |                    |
| Trades                                    | 791          |                    |                       |              |                    | May-Oct                           | 3.33         | -0.01              |
| ... per month                             | 2.61         |                    |                       |              |                    | Nov-Apr                           | 11.74        | 7.43               |
|   |              |                    |                       |              |                    |                                   |              |                    |
| <b>Range of Historical Rolling CAGRs:</b> |              |                    |                       |              |                    |                                   |              |                    |
| Best 1-year                               | 118.69       | 56.35              |                       |              |                    |                                   |              |                    |
| Worst 1-year                              | -35.73       | -43.32             |                       |              |                    |                                   |              |                    |
|   |              |                    |                       |              |                    |                                   |              |                    |
| Best 3-year                               | 34.71        | 26.07              |                       |              |                    |                                   |              |                    |
| Worst 3-year                              | -10.96       | -16.08             |                       |              |                    |                                   |              |                    |
|   |              |                    |                       |              |                    |                                   |              |                    |
| Best 5-year                               | 33.42        | 23.00              |                       |              |                    |                                   |              |                    |
| Worst 5-year                              | -1.90        | -6.64              |                       |              |                    |                                   |              |                    |
|   |              |                    |                       |              |                    |                                   |              |                    |
| Best 10-year                              | 18.47        | 16.67              |                       |              |                    |                                   |              |                    |
| Worst 10-year                             | 8.19         | -3.43              |                       |              |                    |                                   |              |                    |

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