## HedgAI Signals - 03/13/2024

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## **HedgAI Signals - Current Signals (Displaying Prediction Z Scores)**

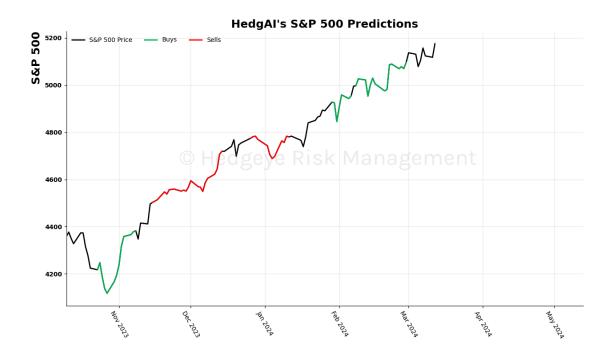
| Asset                 | <b>Current Position</b> | Threshold | Today | 1 Day Ago | 2 Days Ago  | 3 Days Ago |
|-----------------------|-------------------------|-----------|-------|-----------|-------------|------------|
| <b>Meta Platforms</b> | Buy                     | 0.8       | 1.17  | 1.33      | 1.09        | 0.64       |
| Retail \$XRT          | Buy                     | 0.9       | 2.2   | 2.12      | 1.48        | 0.62       |
| Germany (Dax)         | He Buy eVe              | 0.5       | 1.08  | 1.44      | <b>1.59</b> | 0.6        |
| Platinum              | Buy                     | 1.0       | 1.5   | 1.42      | 1.31        | 1.23       |

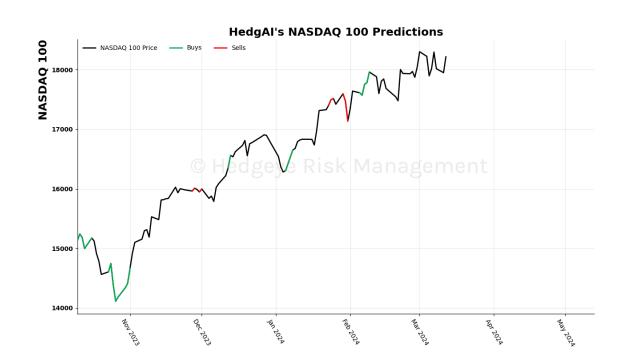
| Asset                      | <b>Current Position</b> | Threshold | Today | 1 Day Ago | 2 Days Ago | 3 Days Ago |
|----------------------------|-------------------------|-----------|-------|-----------|------------|------------|
| Russell 2000               | Sell                    | 0.9       | -1.23 | -1.1      | -0.86      | -0.7       |
| Apple                      | Sell                    | 0.8       | -1.68 | -1.72     | -1.42      | -1.29      |
| Google                     | Sell                    | 1.0       | -1.58 | -1.68     | -1.76      | -1.8       |
| NVIDIA                     | Sell                    | 0.7       | -1.38 | -1.88     | -2.6       | -2.59      |
| Financials \$XLF           | Sell                    | 0.7       | -1.24 | -1.56     | -1.54      | -1.66      |
| Industrials \$XLI          | Sell                    | 0.8       | -0.8  | -1.01     | -1.18      | -1.08      |
| China (Shanghai Composite) | Sell                    | 1.0       | -1.11 | -1.18     | -1.16      | -1.13      |
| Bitcoin C Hed              | Sell Ris                | 0.8       | -1.02 | -0.93     | -1.07      | -1.32      |
| Natural Gas Futures        | Sell                    | 1.0       | -1.71 | -1.7      | -1.67      | -1.4       |
| Silver                     | Sell                    | 1.0       | -1.06 | -1.49     | -1.19      | -0.84      |
| Corn Futures               | Sell                    | 0.5       | -0.92 | -1.0      | -0.91      | -2.05      |
| Wheat                      | Sell                    | 0.7       | -1.13 | -1.16     | -1.31      | -1.31      |
| UST 10yr Yield             | Sell                    | 1.0       | -2.08 | -1.95     | -1.73      | -1.54      |
| High Yield Corp Bond \$HYG | Sell                    | 1.0       | -1.17 | -0.84     | -0.33      | 0.36       |

## **HedgAI Signals - Summary Signals**

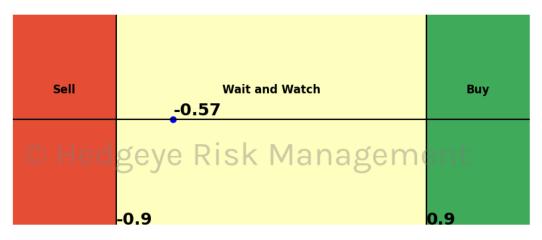
| SAP 500   Wait and Watch   0.9  | Asset                      | <b>Current Position</b> | Threshold | Today | 1 Day Ago | 2 Days Ago | 3 Days Ago |
|---|----------------------------|-------------------------|-----------|-------|-----------|------------|------------|
| Sell  | S&P 500                    | Wait and Watch          | 0.9       | -0.57 |           | -0.38      |            |
| Apple   Sell  | NASDAQ 100                 | Wait and Watch          | 1.0       | 0.7   | 0.81      | 0.98       | 1.02       |
| Microsoft   Sell   1.0   -1.58   -1.68   -1.76   -1.8     Amazon   Wait and Watch   1.0   -0.98   -1.02   -1.13   -1.31     Amazon   Sell   1.0   -1.58   -1.68   -1.76   -1.8     Amazon   Wait and Watch   1.0   -0.98   -1.02   -1.13   -1.31     Amazon   Sell   0.7   -1.38   -1.68   -1.62   -1.13   -1.31     Amazon   Wait and Watch   0.8   0.02   -0.32   -0.51   -0.77     Meta Platforms   Buy   0.8   1.17   1.33   1.09   0.64     Netflix   Wait and Watch   1.0   -0.37   -0.44   -0.58   -0.65     Materials \$XLB   Wait and Watch   1.0   0.65   0.72   0.73   0.57     Energy \$XLE   Wait and Watch   0.9   -0.81   -1.02   -1.2   -1.34     Financials \$XLF   Sell   0.7   -1.24   -1.56   -1.54   -1.66     Industrials \$XLI   Sell   0.7   -1.24   -1.56   -1.54   -1.68     Technology \$XLE   Wait and Watch   1.0   0.52   0.23   -0.27   -0.22     Utilities \$XLU   Wait and Watch   1.0   0.52   0.23   -0.27   -0.22     Utilities \$XLU   Wait and Watch   0.9   0.3   0.55   0.74   0.8     Health Care \$XLV   Wait and Watch   0.9   0.3   0.55   0.74   0.8     Germany (Dax)   Wait and Watch   0.9   0.3   0.55   0.74   0.8     Germany (Dax)   Wait and Watch   0.9   0.39   0.64   0.79   0.96     China (Shanghai Composite)   Wait and Watch   0.5   0.35   -0.72   -1.15   -1.2     Wait Crude Oil   Wait and Watch   0.5   0.35   -0.72   -1.15   -1.2     Wait and Watch   0.5   0.93   0.64   0.79   0.96     Oscilla (Shanghai Composite)   Wait and Watch   0.5   0.35   0.72   1.15   -1.2     Wait and Watch   0.5   0.93   0.64   0.79   0.96     Wait and Watch   0.5   0.93   0.62   0.62   1.11     Steel   0.6   0.6   0.7   0.8   0.60   0.65   0.70   0.8     Wait and Watch   0.0   0.91   0.87   0.99   0.62   1.11     Steel   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0     Utinium \$URA   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0   0.0                        | Russell 2000               |                         | 0.9       | -1.23 | -1.1      | -0.86      | -0.7       |
| Sell  | Apple                      |                         |           |       |           |            |            |
| Marazon   Walt and Watch   1.0   0.98   -1.02   -1.13   -1.31   NVIDIA   Sell   0.7   -1.38   -1.88   -2.6   -2.59   -2.59   Meta Platforms   Buy   0.8   0.02   -0.32   -0.51   -0.77   Meta Platforms   Buy   0.8   1.17   -1.33   1.09   0.64   Metrilix   Walt and Watch   1.0   -0.37   -0.44   -0.58   -0.65   Materials \$XLB   Walt and Watch   1.0   0.65   0.72   0.73   0.57   Materials \$XLF   Financials \$XLF   Walt and Watch   1.0   0.65   0.72   0.73   0.57   Materials \$XLI   Technology \$XLK   Sell   0.8   -0.8   -1.01   -1.56   -1.54   -1.66   Industrials \$XLI   Technology \$XLK   Sell   0.8   -0.8   -1.01   -1.56   -1.54   -1.66   Materials \$XLU   Walt and Watch   1.0   0.52   0.23   -0.27   -0.22   Materials \$XLU   Walt and Watch   1.0   0.52   0.23   -0.27   -0.22   Materials \$XLU   Walt and Watch   0.9   0.3   0.55   0.74   0.8   Materials \$XLT   Walt and Watch   0.9   0.3   0.55   0.74   0.8   Materials \$XRT   Buy   0.9   0.39   0.64   0.79   0.96   Materials \$XRT   Buy   0.9   0.2   0.21   1.18   0.6   -1.11   Materials \$XIU   Materials Average   0.5   0.48   0.29   0.62   1.11   Materials \$XIU   Materials Average   0.5   0.48   0.29   0.62   1.11   Materials \$XIU   Materials Average   0.5   0.48   0.29   0.62   1.11   Materials Average   0.5   0.48   0.29   0.69   0.6   0.6   0.15   0.48   0.5   0.48   0.29   0.60   0.6   0.15   0.48   0.5   0.48   0.5   0.48   0.5   0.48   0.5   0.48   0.5   0.6               |                            | Wait and Watch          | 0.8       | -0.67 |           |            |            |
| NYIDIA  | Google                     |                         |           |       |           | -1.76      | -1.8       |
| Meta Platforms  | Amazon                     | Wait and Watch          | 1.0       |       |           | -1.13      | -1.31      |
| Meta Platforms   Netflix   Wait and Watch   1.0   0.37   0.44   0.58   0.65   0.72   0.73   0.57  |                            |                         |           |       |           |            |            |
| Netflix   Wait and Watch   1.0  |                            |                         |           |       |           |            |            |
| Materials \$XLB   |                            |                         |           |       |           |            |            |
| Energy \$XLE   Financials \$XLF   Financials \$XLI   Financials \$XLI   Technology \$XLK   Sell   0.7   -1.24   -1.56   -1.54   -1.66   Industrials \$XLI   Technology \$XLK   Wait and Watch   1.0   0.52   0.23   -0.27   -0.22   Industrials \$XLU   Wait and Watch   1.0   0.52   0.23   -0.27   -0.22   Industrials \$XLU   Wait and Watch   1.0   0.52   0.23   -0.27   -0.22   Industrials \$XLV   Wait and Watch   0.9   0.3   0.55   0.74   0.8   Industrial \$XXIV   Wait and Watch   0.9   0.3   0.55   0.74   0.8   Industrial \$XXIV   Wait and Watch   0.9   0.3   0.55   0.74   0.8   Industrial \$XXIV   Wait and Watch   0.9   0.39   0.64   0.79   0.96   Industrial \$XXIV   Wait and Watch   0.9   0.39   0.64   0.79   0.96   Industrial \$XXIV   Wait and Watch   0.9   0.39   0.64   0.79   0.96   Industrial \$XXIV   Wait and Watch   0.9   0.39   0.64   0.79   0.96   Industrial \$XXIV   Wait and Watch   0.9   0.39   0.65   0.74   0.8   Industrial \$XXIV   Wait and Watch   0.9   0.9   0.2   0.2   0.2   0.9   0.62   Industrial \$XXIV   Wait and Watch   0.5   0.48   0.29   0.62   Industrial \$XXIV   Wait and Watch   0.5   0.48   0.29   0.62   Industrial \$XXIV   Wait and Watch   0.5   0.48   0.29   0.62   Industrial \$XXIV   Wait and Watch   0.0   0.19   0.18   0.16   0.15   Industrial \$XXIV   Wait and Watch   0.0   0.19   0.18   0.16   0.15   Industrial \$XXIV   Wait and Watch   0.0   0.19   0.18   0.16   0.15   Industrial \$XXIV   Wait and Watch   0.0   0.92   0.99   0.67   Industrial \$XIV   Wait and Watch   0.0   0.92   0.99   0.67   Industrial \$XIV   Wait and Watch   0.0   0.92   0.99   0.99   0.67   Industrial \$XIV   Wait and Watch   0.0   0.05   0.05   0.05   0.06   0.06   0.06   Industrial \$XIV   Wait and Watch   0.0   0.05   0.05   0.05   0.06   0 |                            |                         |           |       |           |            |            |
| Sell  |                            |                         |           |       |           |            |            |
| Industrials \$XLI   |                            |                         |           |       |           |            |            |
| Technology \$XLK   Wait and Watch   1.0   0.52   0.23   -0.27   -0.22   -0.24   Utilities \$XLU   Wait and Watch   1.0   0.23   0.01   -0.12   -0.24   Wait and Watch   1.0   0.23   0.01   -0.12   -0.24   Wait and Watch   0.9   0.3   0.55   0.74   0.8   Wait and Watch   0.9   0.39   0.64   0.79   0.96   Wait and Watch   0.9   0.35   0.72   -1.15   -1.2   Wait and Watch   0.5   0.35   0.72   -1.15   -1.2   Wait and Watch   0.5   0.35   0.72   -1.15   -1.2   Wait and Watch   0.5   0.48   0.29   0.66   Wait and Watch   0.5   0.48   0.29   -0.62   1.11   -1.13   Japan (Nikkei)   Wait and Watch   0.5   0.48   0.29   -0.62   1.11   Wait and Watch   0.0   0.91   -0.87   -0.94   -0.87   Wait and Watch   0.0   0.91   -0.87   -0.94   -0.87   Wait and Watch   0.0   0.19   0.18   0.16   0.15   Wait and Watch   0.0   0.17   -1.7   -1.67   -1.4   Wait and Watch   0.0   0.92   0.9   0.99   0.67   Valuation   Valuation   Valuation   Wait and Watch   0.0   0.92   0.9   0.99   0.67   Valuation                             |                            |                         |           |       |           |            |            |
| Wait and Watch   1.0   0.23   0.01   -0.12   -0.24  |                            |                         |           |       |           |            |            |
| Utilities \$XLU   |                            |                         |           |       |           |            |            |
| Health Care \$XLV   |                            |                         |           |       |           |            |            |
| Retail \$XRT   Buy   0.5   -0.35   -0.72   -1.15   -1.2   |                            |                         |           |       |           |            |            |
| Retail \$XRT   Buy   0.9   2.2   2.12   1.48   0.62   |                            |                         |           |       |           |            |            |
| Sermany (Dax)   Sell   Sell   1.0   1.11   -1.18   1.16   -1.13     Japan (Nikkei)   Wait and Watch   Sell   0.5   0.48   0.29   -0.62   1.11     Bitcoin   Sell   0.8   -1.02   -0.93   -1.07   -1.32     WTI Crude Oil   Wait and Watch   1.0   -0.91   -0.87   -0.94   -0.87     Brent Crude Oil   Wait and Watch   1.0   0.19   0.18   0.16   0.15     Natural Gas Futures   Sell   1.0   -1.71   -1.7   -1.67   -1.4     Copper Futures   Wait and Watch   0.7   0.4   0.19   -0.45   -1.11     Steel   Wait and Watch   1.0   0.92   0.9   0.99   0.67     Lithium \$LIT   Wait and Watch   1.0   0.23   0.39   0.26   0.06     Palladium   Wait and Watch   0.8   0.06   -0.22   -0.37   -0.26     Palladium   Buy   1.0   1.5   1.42   1.31   1.23     Silver   Sell   1.0   -1.06   -1.49   -1.19   -0.84     Gold   Wait and Watch   1.0   -0.53   -0.79   -0.99   -1.21     Uranium \$URA   Wait and Watch   1.0   -0.53   -0.79   -0.99   -1.21     Uranium \$URA   Wait and Watch   1.0   -0.53   -0.79   -0.99   -1.21     Soybean Futures   Sell   0.5   -0.92   -1.0   -0.91   -2.05     Soybean Futures   Wait and Watch   1.0   0.01   0.04   0.06   0.1     Us Dollar   Us Dollar Cross   Wait and Watch   1.0   0.39   0.69   0.6   0.56     Us Dollar To Yen Cross   Wait and Watch   1.0   0.88   0.99   1.09   1.2     British Pound To US Dollar Cross   Wait and Watch   1.0   0.68   0.72   0.85   0.89     UST 10yr Yield   Wait and Watch   1.0   0.68   0.72   0.85   0.89     UST 10yr Yield   Wait and Watch   1.0   0.68   0.72   0.85   0.89     UST 30yr Yield   Wait and Watch   1.0   0.43   1.05   1.08   0.46    Wait and Watch   1.0   0.43   1.05   1.08    Wait and Watch                             |                            |                         |           |       |           |            |            |
| China (Shanghai Composite)  |                            |                         |           |       |           |            |            |
| Japan (Nikkei)  | Germany (Dax)              |                         |           |       |           |            |            |
| Sell  |                            |                         |           |       |           |            |            |
| WTI Crude Oil<br>Brent Crude Oil<br>Natural Gas Futures         Wait and Watch<br>Wait and Watch         1.0         -0.91         -0.87         -0.94         -0.87           Copper Futures         Sell         1.0         -1.71         -1.7         -1.67         -1.4           Copper Futures         Wait and Watch         0.7         0.4         0.19         -0.45         -1.11           Steel         Wait and Watch         1.0         0.92         0.9         0.99         0.67           Lithium \$LIT         Wait and Watch         1.0         0.23         0.39         0.26         0.06           Platinum         Buy         1.0         1.5         1.42         1.31         1.23           Silver         Sell         1.0         -1.06         -1.49         -1.19         -0.84           Gold         Wait and Watch         0.6         -0.22         0.05         0.36         0.4           Corn Futures         Sell         0.5         -0.92         -1.0         -0.99         -1.21           Wait and Watch         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>   |                            |                         |           |       |           |            |            |
| Natural Gas Futures   |                            |                         |           |       |           |            |            |
| Natural Gas Futures   |                            |                         |           |       |           |            |            |
| Copper Futures         Wait and Watch Vait and Watch         0.7         0.4         0.19         -0.45         -1.11           Steel         Wait and Watch         1.0         0.92         0.9         0.99         0.67           Lithium \$LIT         Wait and Watch         1.0         0.23         0.39         0.26         0.06           Palladium         Wait and Watch         0.8         0.06         -0.22         -0.37         -0.26           Platinum         Buy         1.0         1.5         1.42         1.31         1.23           Silver         Sell         1.0         -1.06         -1.49         -1.19         -0.84           Gold         Wait and Watch         0.0         -0.53         -0.79         -0.99         -1.21           Uranium \$URA         Wait and Watch         0.6         -0.22         0.05         0.36         0.4           Corn Futures         Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch         1.0         0.01         0.04         0.06         0.1           Weat         Sell         0.5         -0.92         -1.0         -0.91         -2.05 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>  |                            |                         |           |       |           |            |            |
| Steel   Wait and Watch   1.0   0.92   0.9   0.99   0.67   |                            |                         |           |       |           |            |            |
| Lithium \$LIT         Wait and Watch Palladium         1.0         0.23         0.39         0.26         0.06           Palladium         Wait and Watch         0.8         0.06         -0.22         -0.37         -0.26           Platinum         Buy         1.0         1.5         1.42         1.31         1.23           Silver         Sell         1.0         -1.06         -1.49         -1.19         -0.84           Gold         Wait and Watch         1.0         -0.53         -0.79         -0.99         -1.21           Uranium \$URA         Wait and Watch         0.6         -0.22         0.05         0.36         0.4           Corn Futures         Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar         Cross         Wait and Watch         0.0         0.88         0.99         1.  |                            |                         |           |       |           |            |            |
| Palladium         Wait and Watch         0.8         0.06         -0.22         -0.37         -0.26           Platinum         Buy         1.0         1.5         1.42         1.31         1.23           Silver         Sell         1.0         -1.06         -1.49         -1.19         -0.84           Gold         Wait and Watch         0.6         -0.22         0.05         -0.99         -1.21           Uranium \$URA         Wait and Watch         0.6         -0.22         0.05         0.36         0.4           Corn Futures         Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar Cross         Wait and Watch         1.0         0.39         0.69         0.6         0.56           Euro To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46  |                            |                         |           |       |           |            |            |
| Buy   1.0   1.5   1.42   1.31   1.23     Silver   Sell   1.0   -1.06   -1.49   -1.19   -0.84     Gold   Wait and Watch   1.0   -0.53   -0.79   -0.99   -1.21     Uranium \$URA   Wait and Watch   0.6   -0.22   0.05   0.36   0.4     Corn Futures   Soybean Futures   Wait and Watch   1.0   0.01   0.04   0.06   0.1     Wheat   Sell   0.7   -1.13   -1.16   -1.31   -1.31     Sugar   Wait and Watch   0.9   0.8   0.71   0.69   0.7     US Dollar   Wait and Watch   1.0   0.39   0.69   0.6   0.56     Euro To US Dollar Cross   Wait and Watch   1.0   0.88   0.99   1.09   1.2     British Pound To US Dollar Cross   Wait and Watch   1.0   0.88   0.73   0.7   0.61   0.46     US Dollar To Yen Cross   Wait and Watch   1.0   0.6   -0.28   -1.3   -1.75     Canadian Dollar To US Dollar Cross   Wait and Watch   1.0   0.68   0.72   0.85   0.89     UST 10yr Yield   Wait and Watch   1.0   0.68   0.72   0.85   0.89     UST 30yr Yield   Wait and Watch   1.0   0.43   1.05   1.08   0.46      Data of the property of the pr                             |                            |                         |           |       |           |            |            |
| Silver         Sell         1.0         -1.06         -1.49         -1.19         -0.84           Gold         Wait and Watch         1.0         -0.53         -0.79         -0.99         -1.21           Uranium \$URA         Wait and Watch         0.6         -0.22         0.05         0.36         0.4           Corn Futures         Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar         Wait and Watch         1.0         0.39         0.69         0.6         0.56           Euro To US Dollar Cross         Wait and Watch         1.0         0.88         0.99         1.09         1.2           British Pound To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46           US T 2yr Yield         Wait and Watch         0.6         -0.32         -0.33         0.09   |                            |                         |           |       |           |            |            |
| Gold         Wait and Watch Uranium \$URA         1.0         -0.53         -0.79         -0.99         -1.21           Uranium \$URA         Wait and Watch Corn Futures         Wait and Watch Sell         0.6         -0.22         0.05         0.36         0.4           Soybean Futures         Wait and Watch Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch Sell         0.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch Watch Wait and Watch Watch Us Dollar Cross         Wait and Watch Watch Us Dollar Cross         Wait and Watch Watch Us Dollar Cross Wait and Watch Us Dollar To Yen Cross Wait and Watch Us Dollar To Yen Cross Wait and Watch Us Dollar Cross Wait and Watch Us Dollar To US Dollar Cross Wait and Watch Us Dollar Cross Us T 2yr Yield Wait and Watch Us Dollar Cross Us T 2yr Yield Wait and Watch Us Dollar Cross Us T 2yr Yield Wait and Watch Us Dollar Cross Us T 2yr Yield Wait and Watch Us Dollar Cross Us T 2yr Yield U   |                            |                         |           |       |           |            |            |
| Uranium \$URA         Wait and Watch Sell         0.6         -0.22         0.05         0.36         0.4           Corn Futures         Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar         Wait and Watch         1.0         0.39         0.69         0.6         0.56           Euro To US Dollar Cross         Wait and Watch         1.0         0.88         0.99         1.09         1.2           British Pound To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46           US Dollar To Yen Cross         Wait and Watch         0.6         -0.32         -0.33         0.09         0.26           UST 2yr Yield         Wait and Watch         1.0         0.68         0.72         0.85         0.89           UST 30yr Yield         Wait and Watch         1.0         0.43   |                            |                         |           |       |           |            |            |
| Corn Futures         Sell         0.5         -0.92         -1.0         -0.91         -2.05           Soybean Futures         Wait and Watch         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar         Wait and Watch         1.0         0.39         0.69         0.6         0.56           Euro To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46           US Dollar To Yen Cross         Wait and Watch         0.6         -0.28         -1.3         -1.75           Canadian Dollar To US Dollar Cross         Wait and Watch         0.6         -0.32         -0.33         0.09         0.26           UST 2yr Yield         Wait and Watch         1.0         0.68         0.72         0.85         0.89           UST 30yr Yield         Wait and Watch         1.0         0.43         1.05         1.08         0.46  |                            |                         |           |       |           |            |            |
| Soybean Futures         Wait and Watch Sell         1.0         0.01         0.04         0.06         0.1           Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar Cross         Wait and Watch         1.0         0.39         0.69         0.6         0.56           Euro To US Dollar Cross         Wait and Watch         1.0         0.88         0.99         1.09         1.2           British Pound To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46           US Dollar To Yen Cross         Wait and Watch         1.0         0.6         -0.28         -1.3         -1.75           Canadian Dollar To US Dollar Cross         Wait and Watch         0.6         -0.32         -0.33         0.09         0.26           UST 2yr Yield         Wait and Watch         1.0         0.68         0.72         0.85         0.89           UST 30yr Yield         Wait and Watch         1.0         0.43         1.05         1.08         0.46   |                            |                         |           |       |           |            |            |
| Wheat         Sell         0.7         -1.13         -1.16         -1.31         -1.31           Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar Cross         Wait and Watch         1.0         0.39         0.69         0.6         0.56           British Pound To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46           US Dollar To Yen Cross         Wait and Watch         0.6         -0.28         -1.3         -1.75           Canadian Dollar To US Dollar Cross         Wait and Watch         0.6         -0.32         -0.33         0.09         0.26           UST 2yr Yield         Wait and Watch         1.0         0.68         0.72         0.85         0.89           UST 10yr Yield         Sell         1.0         -2.08         -1.95         -1.73         -1.54           UST 30yr Yield         Wait and Watch         1.0         0.43         1.05         1.08         0.46  |                            |                         |           |       |           |            |            |
| Sugar         Wait and Watch         0.9         0.8         0.71         0.69         0.7           US Dollar         Wait and Watch         1.0         0.39         0.69         0.6         0.56           Euro To US Dollar Cross         Wait and Watch         1.0         0.88         0.99         1.09         1.2           British Pound To US Dollar Cross         Wait and Watch         0.8         0.73         0.7         0.61         0.46           US Dollar To Yen Cross         Wait and Watch         1.0         0.6         -0.28         -1.3         -1.75           Canadian Dollar To US Dollar Cross         Wait and Watch         0.6         -0.32         -0.33         0.09         0.26           UST 2yr Yield         Wait and Watch         1.0         0.68         0.72         0.85         0.89           UST 10yr Yield         Sell         1.0         -2.08         -1.95         -1.73         -1.54           UST 30yr Yield         Wait and Watch         1.0         0.43         1.05         1.08         0.46   |                            |                         |           |       |           |            |            |
| US Dollar       Wait and Watch       1.0       0.39       0.69       0.6       0.56         Euro To US Dollar Cross       Wait and Watch       1.0       0.88       0.99       1.09       1.2         British Pound To US Dollar Cross       Wait and Watch       0.8       0.73       0.7       0.61       0.46         US Dollar To Yen Cross       Wait and Watch       1.0       0.6       -0.28       -1.3       -1.75         Canadian Dollar To US Dollar Cross       Wait and Watch       0.6       -0.32       -0.33       0.09       0.26         UST 2yr Yield       Wait and Watch       1.0       0.68       0.72       0.85       0.89         UST 10yr Yield       Sell       1.0       -2.08       -1.95       -1.73       -1.54         UST 30yr Yield       Wait and Watch       1.0       0.43       1.05       1.08       0.46  |                            |                         |           |       |           |            |            |
| Euro To US Dollar Cross       Wait and Watch       1.0       0.88       0.99       1.09       1.2         British Pound To US Dollar Cross       Wait and Watch       0.8       0.73       0.7       0.61       0.46         US Dollar To Yen Cross       Wait and Watch       1.0       0.6       -0.28       -1.3       -1.75         Canadian Dollar To US Dollar Cross       Wait and Watch       0.6       -0.32       -0.33       0.09       0.26         UST 2yr Yield       Wait and Watch       1.0       0.68       0.72       0.85       0.89         UST 30yr Yield       Wait and Watch       1.0       0.43       1.05       1.08       0.46  |                            |                         |           |       |           |            |            |
| British Pound To US Dollar Cross       Wait and Watch US Dollar To Yen Cross       0.8       0.73       0.7       0.61       0.46         US Dollar To Yen Cross       Wait and Watch US Dollar Cross       Wait and Watch Wait and Watch UST 2yr Yield       0.6       -0.28       -1.3       -1.75         UST 2yr Yield       Wait and Watch UST 10yr Yield       Sell UST 30yr Yield       1.0       -2.08       -1.95       -1.73       -1.54         UST 30yr Yield       Wait and Watch UST 30yr Yield       Wait and Watch UST 30yr Yield       1.0       0.43       1.05       1.08       0.46   |                            |                         |           |       |           |            |            |
| US Dollar To Yen Cross       Wait and Watch Canadian Dollar To US Dollar Cross       Wait and Watch UST 10yr Yield       1.0       0.6       -0.28       -1.3       -1.75         UST 2yr Yield       Wait and Watch UST 10yr Yield       1.0       0.68       0.72       0.85       0.89         UST 30yr Yield       Wait and Watch UST 100       0.43       1.05       1.08       0.46   |                            |                         |           |       |           |            |            |
| Canadian Dollar To US Dollar Cross       Wait and Watch UST 2yr Yield       0.6       -0.32       -0.33       0.09       0.26         UST 10yr Yield       Sell       1.0       0.68       0.72       0.85       0.89         UST 30yr Yield       Wait and Watch       1.0       -2.08       -1.95       -1.73       -1.54         Wait and Watch       0.46   |                            |                         |           |       |           |            |            |
| UST 2yr Yield       Wait and Watch       1.0       0.68       0.72       0.85       0.89         UST 10yr Yield       Sell       1.0       -2.08       -1.95       -1.73       -1.54         UST 30yr Yield       Wait and Watch       1.0       0.43       1.05       1.08       0.46  |                            |                         |           |       |           |            |            |
| UST 10yr Yield         Sell         1.0         -2.08         -1.95         -1.73         -1.54           UST 30yr Yield         Wait and Watch         1.0         0.43         1.05         1.08         0.46   |                            |                         |           |       |           |            |            |
| <b>UST 30yr Yield</b> Wait and Watch 1.0 0.43 1.05 1.08 0.46  |                            |                         |           |       |           |            |            |
| <b>High Yield Corp Bond \$HYG</b> Sell 1.0 -1.17 -0.84 -0.33 0.36   | UST 30yr Yield             |                         | 1.0       | 0.43  |           | 1.08       | 0.46       |
|   | High Yield Corp Bond \$HYG | Sell                    | 1.0       | -1.17 | -0.84     | -0.33      | 0.36       |

## **HedgAI Signals - Asset Charts**

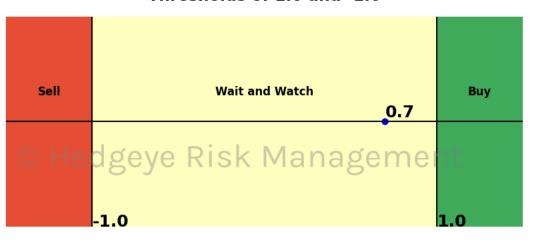


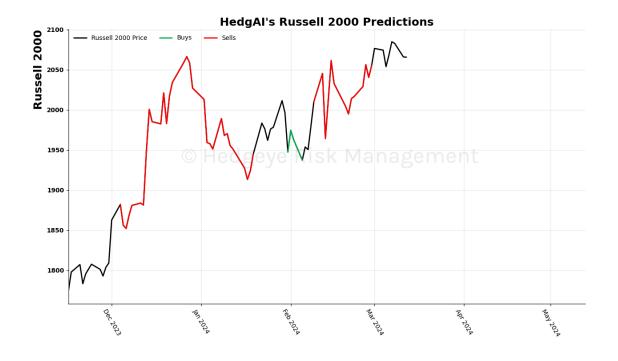


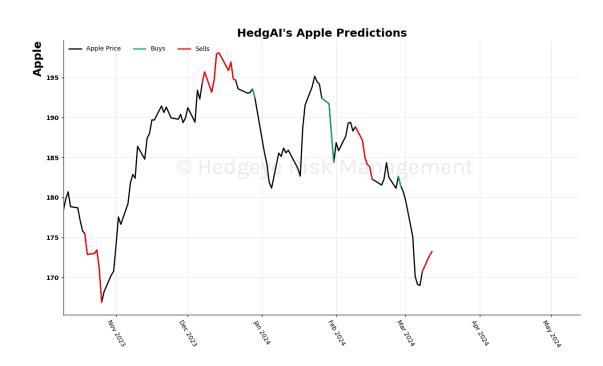
### S&P 500 15 Trading Day Predictions Thresholds of 0.9 and -0.9



### NASDAQ 100 15 Trading Day Predictions Thresholds of 1.0 and -1.0





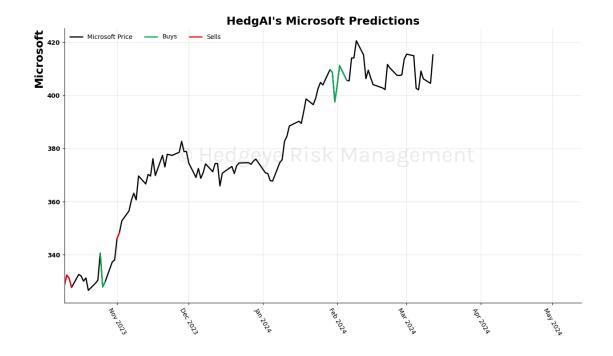


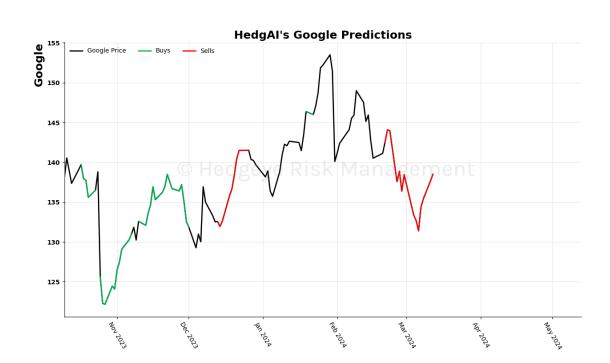
### Russell 2000 15 Trading Day Predictions Thresholds of 0.9 and -0.9



Apple 15 Trading Day Predictions Thresholds of 0.8 and -0.8



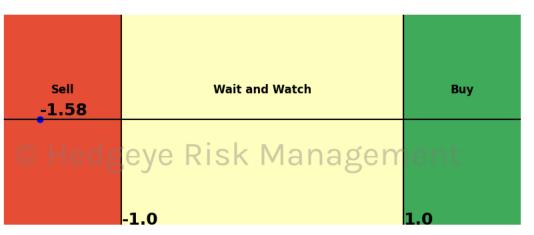


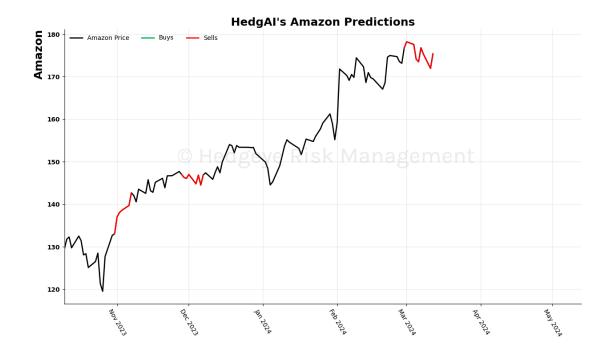


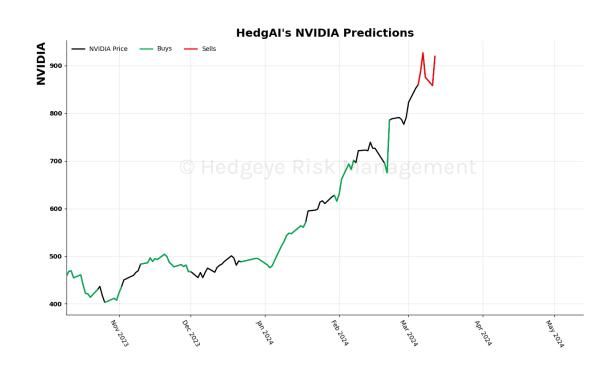
### Microsoft 15 Trading Day Predictions Thresholds of 0.8 and -0.8



Google 15 Trading Day Predictions Thresholds of 1.0 and -1.0





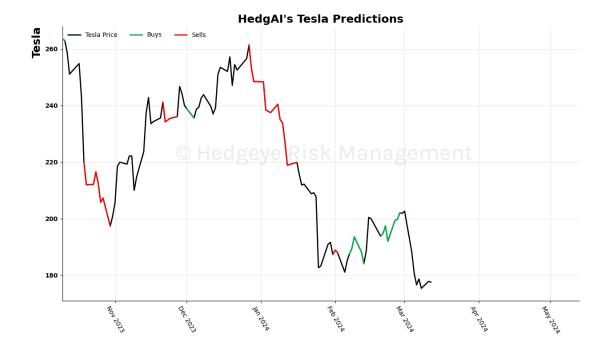


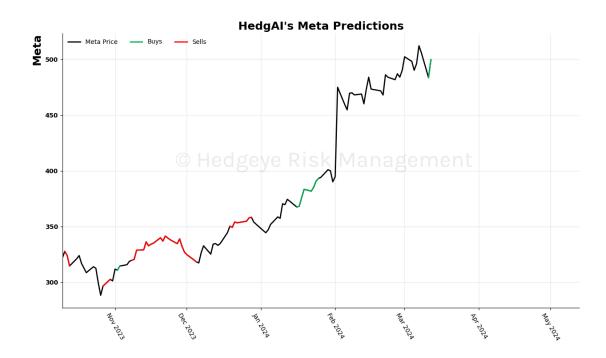
### Amazon 15 Trading Day Predictions Thresholds of 1.0 and -1.0



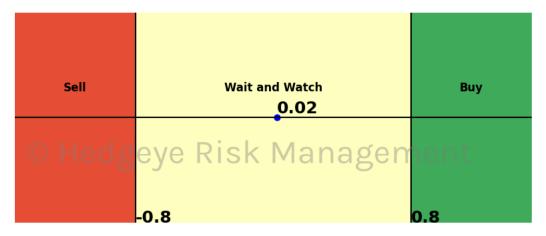
NVIDIA 15 Trading Day Predictions Thresholds of 0.7 and -0.7





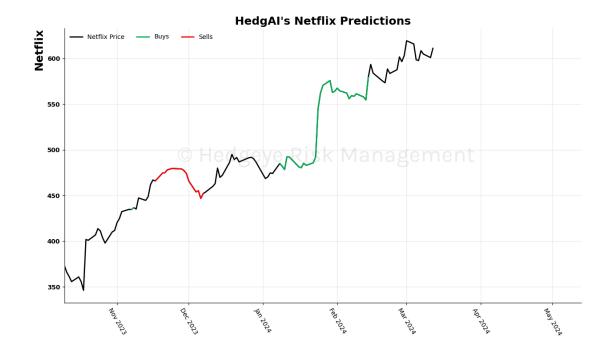


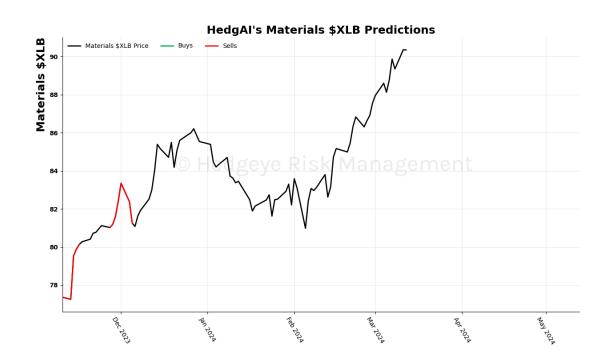
Tesla 15 Trading Day Predictions Thresholds of 0.8 and -0.8



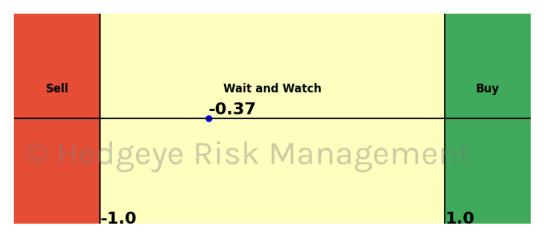
Meta 15 Trading Day Predictions Thresholds of 0.8 and -0.8



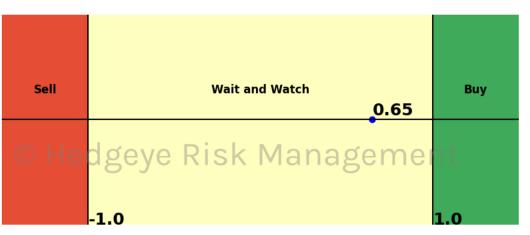


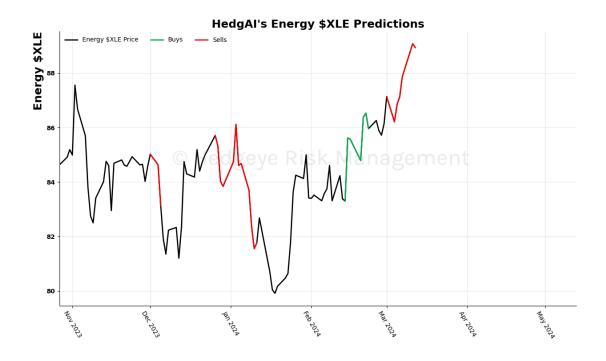


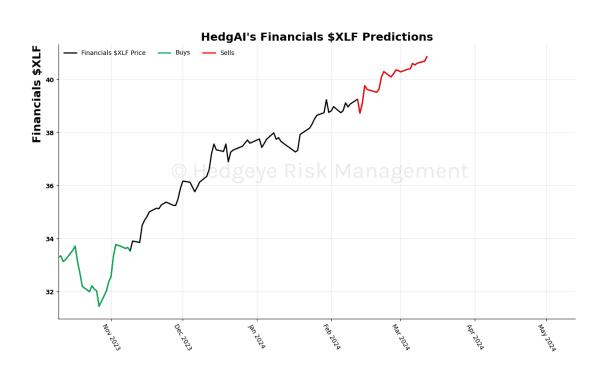
### Netflix 15 Trading Day Predictions Thresholds of 1.0 and -1.0



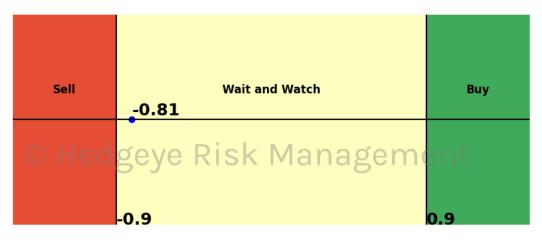
# Materials \$XLB 15 Trading Day Predictions Thresholds of 1.0 and -1.0





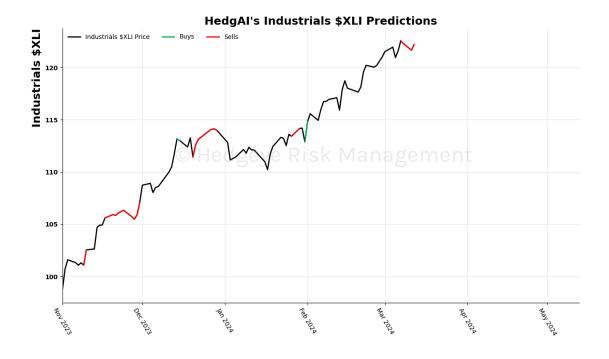


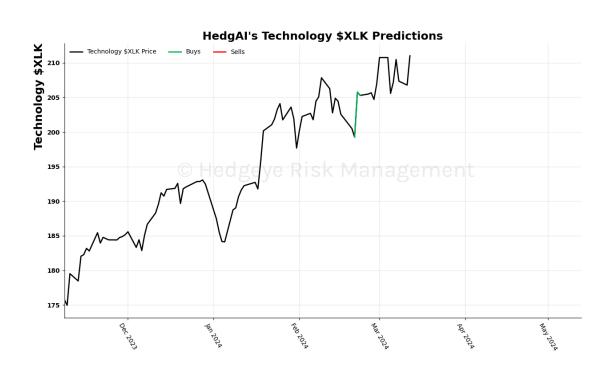
### Energy \$XLE 15 Trading Day Predictions Thresholds of 0.9 and -0.9



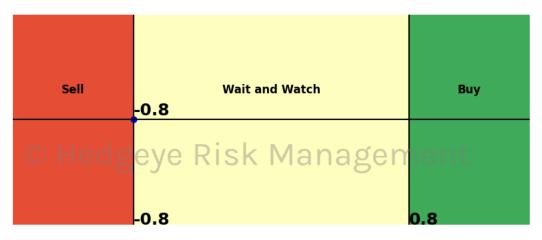
# Financials \$XLF 15 Trading Day Predictions Thresholds of 0.7 and -0.7





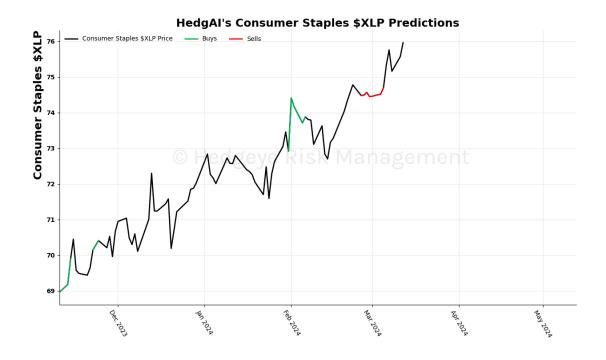


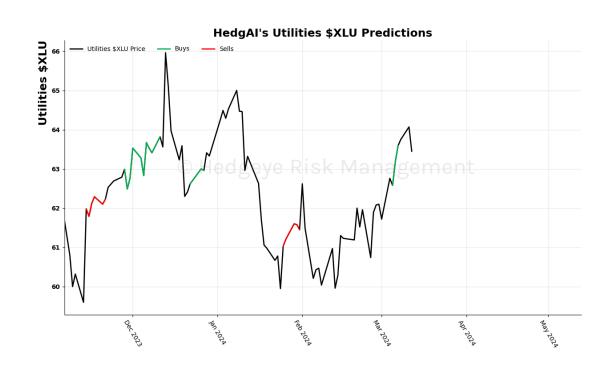
# Industrials \$XLI 15 Trading Day Predictions Thresholds of 0.8 and -0.8



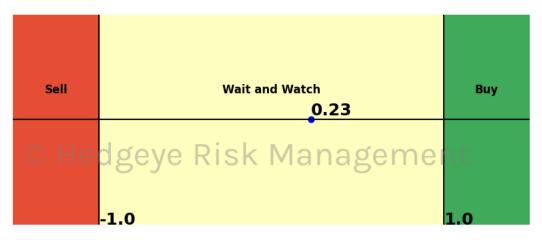
# Technology \$XLK 15 Trading Day Predictions Thresholds of 1.0 and -1.0



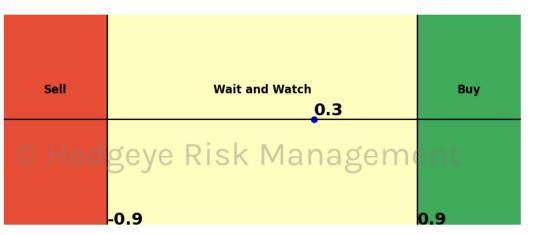


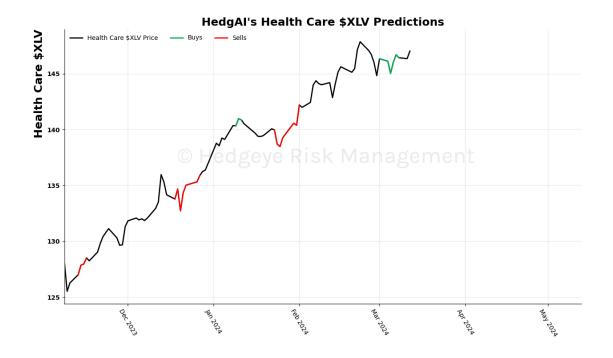


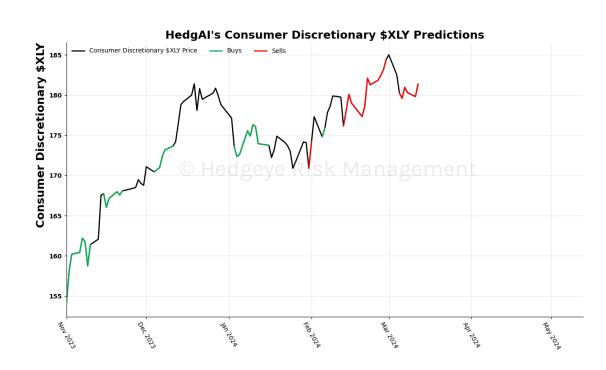
# Consumer Staples \$XLP 15 Trading Day Predictions Thresholds of 1.0 and -1.0



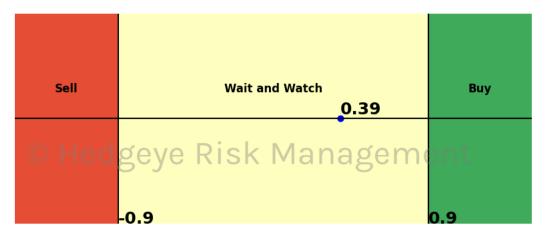
# Utilities \$XLU 15 Trading Day Predictions Thresholds of 0.9 and -0.9



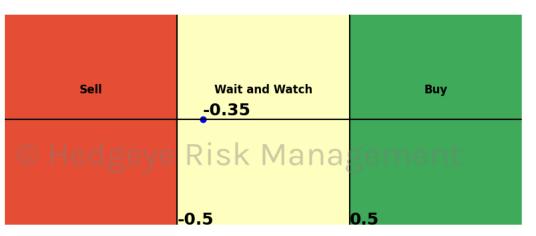


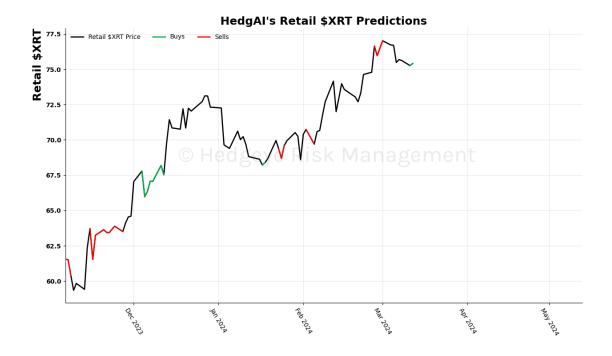


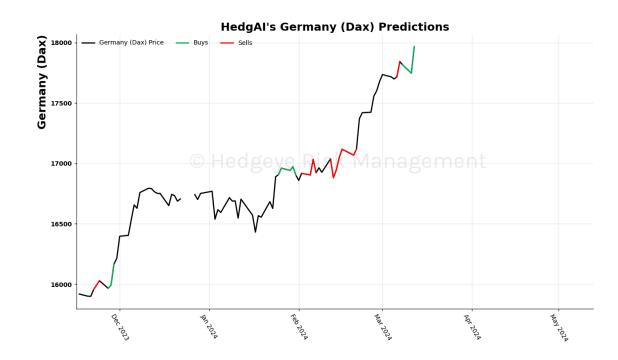
# Health Care \$XLV 15 Trading Day Predictions Thresholds of 0.9 and -0.9



# Consumer Discretionary \$XLY 15 Trading Day Predictions Thresholds of 0.5 and -0.5







### Retail \$XRT 15 Trading Day Predictions Thresholds of 0.9 and -0.9



### Germany (Dax) 15 Trading Day Predictions Thresholds of 0.5 and -0.5



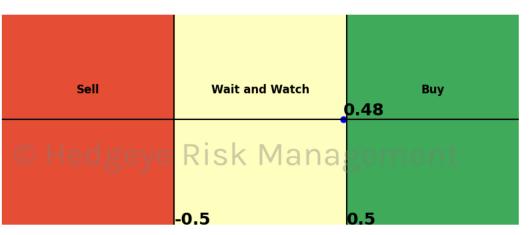


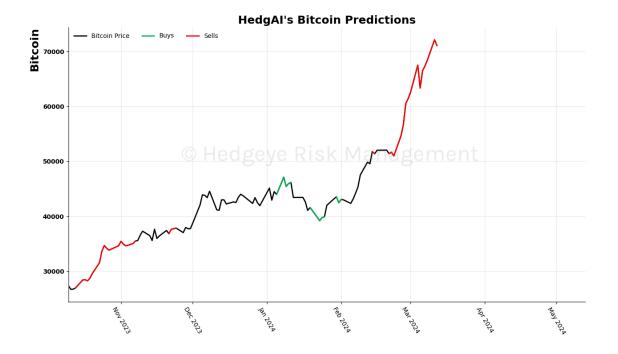


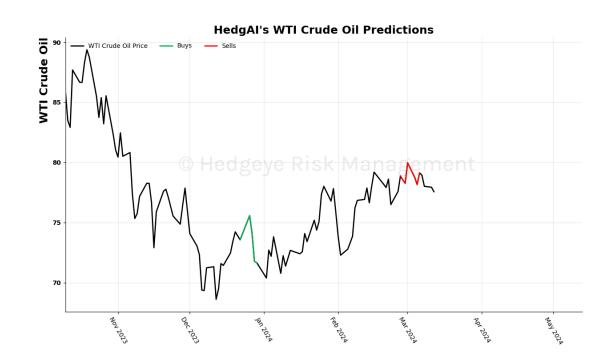
## China (Shanghai Composite) 15 Trading Day Predictions Thresholds of 1.0 and -1.0



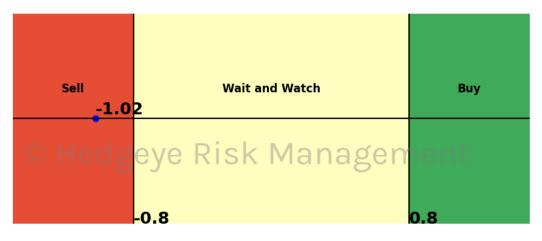
Japan (Nikkei) 15 Trading Day Predictions Thresholds of 0.5 and -0.5



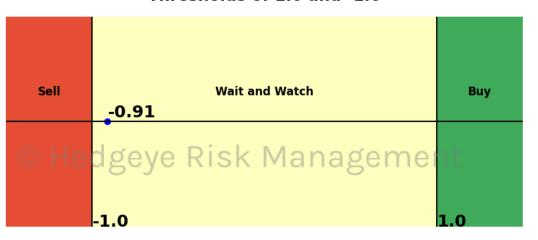


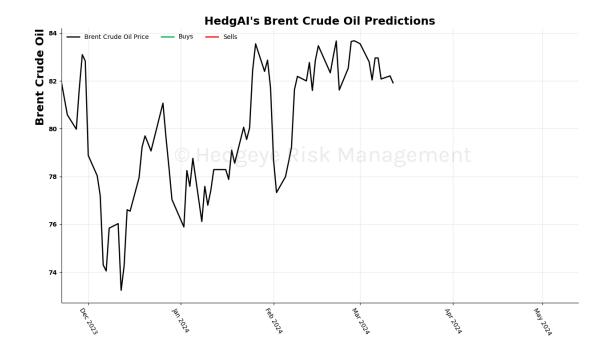


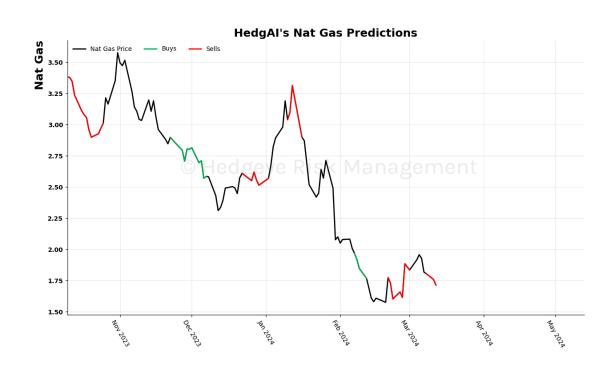
### Bitcoin 15 Trading Day Predictions Thresholds of 0.8 and -0.8



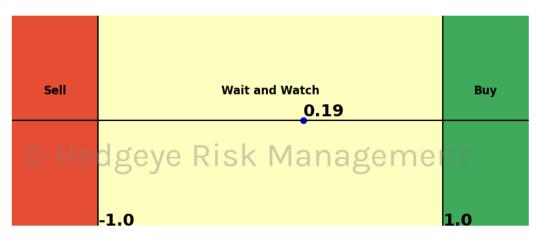
### WTI Crude Oil 15 Trading Day Predictions Thresholds of 1.0 and -1.0



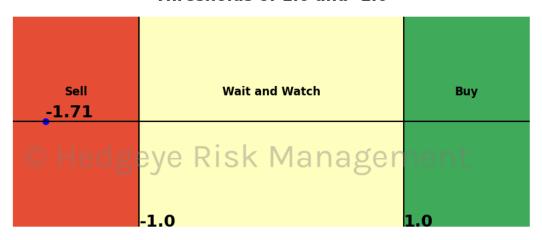


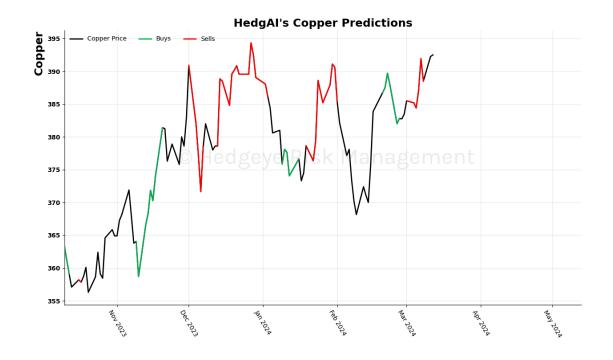


### Brent Crude Oil 15 Trading Day Predictions Thresholds of 1.0 and -1.0



Nat Gas 15 Trading Day Predictions Thresholds of 1.0 and -1.0





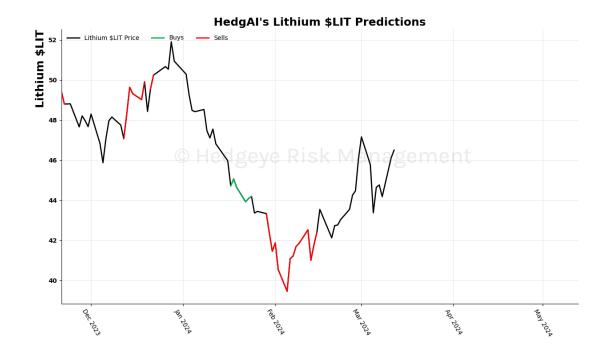


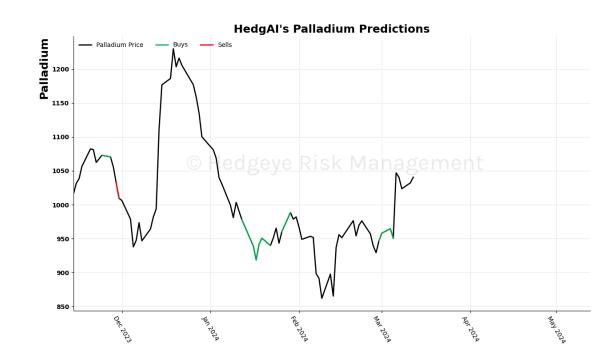
Copper 15 Trading Day Predictions Thresholds of 0.7 and -0.7



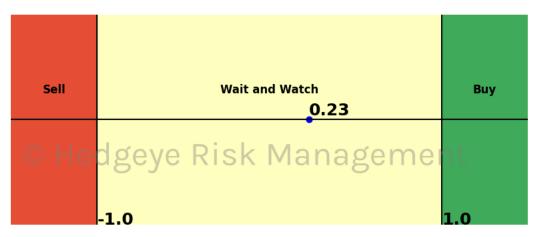
Steel 15 Trading Day Predictions Thresholds of 1.0 and -1.0





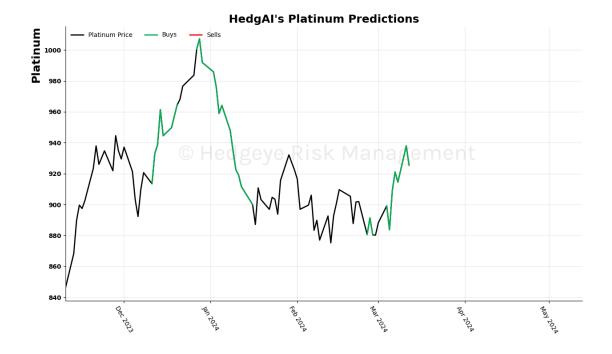


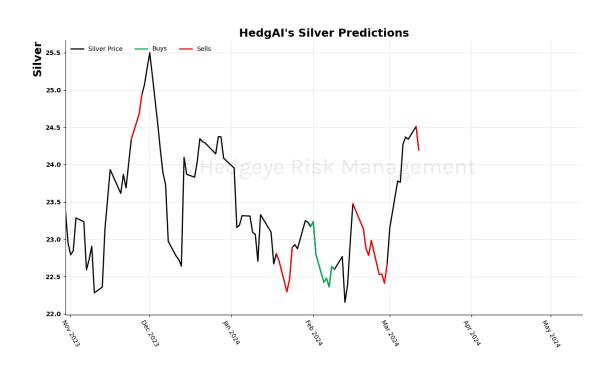
## Lithium \$LIT 15 Trading Day Predictions Thresholds of 1.0 and -1.0



### Palladium 15 Trading Day Predictions Thresholds of 0.8 and -0.8





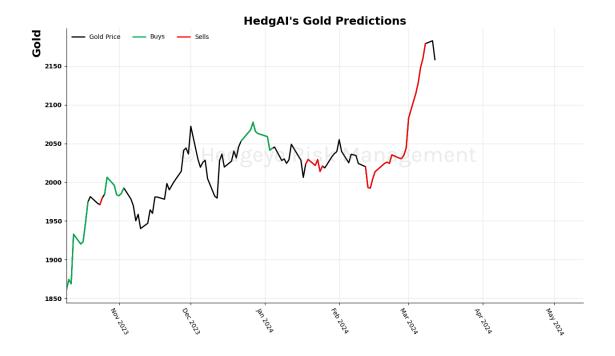


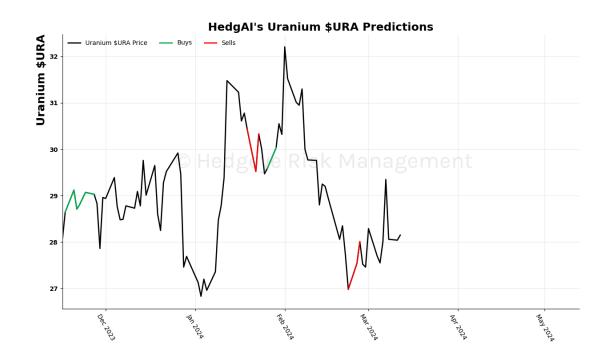
### Platinum 15 Trading Day Predictions Thresholds of 1.0 and -1.0



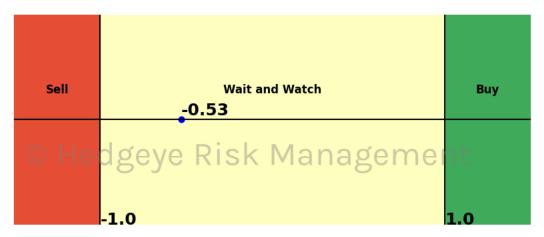
Silver 15 Trading Day Predictions Thresholds of 1.0 and -1.0



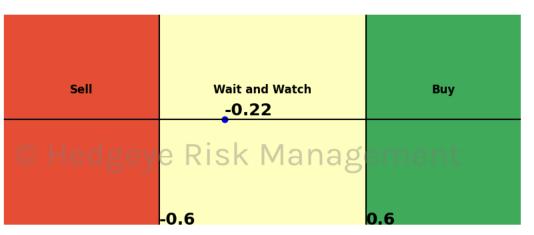


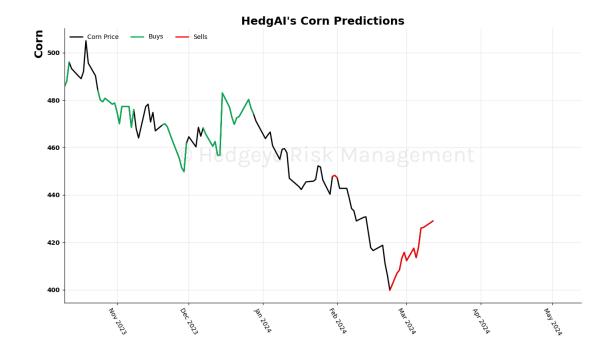


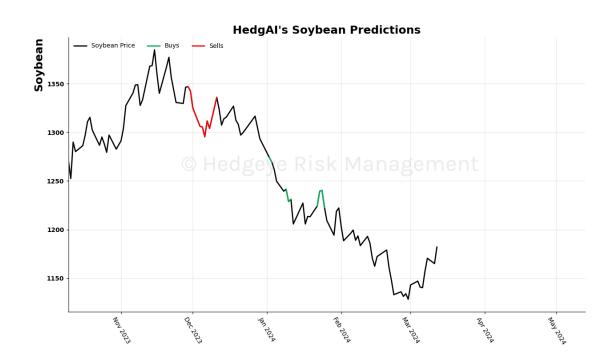
### Gold 15 Trading Day Predictions Thresholds of 1.0 and -1.0



### Uranium \$URA 15 Trading Day Predictions Thresholds of 0.6 and -0.6



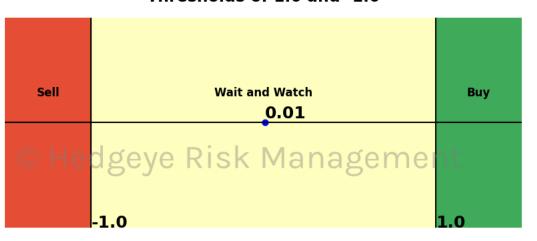


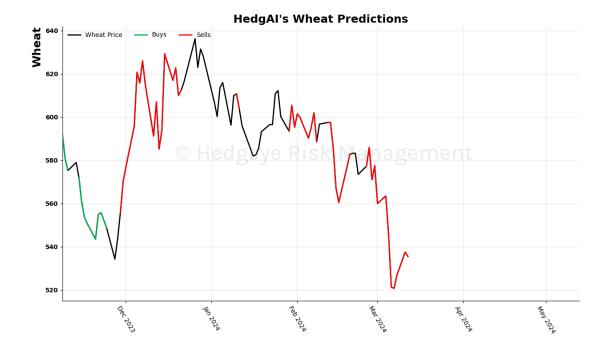


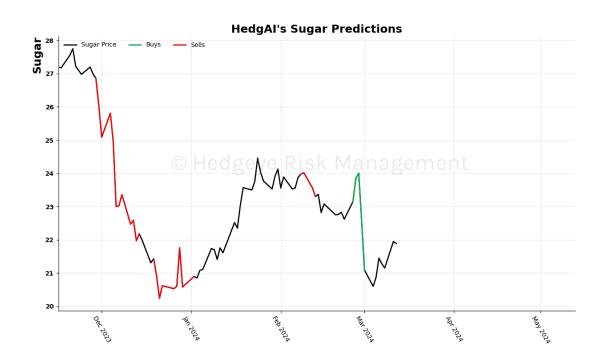
### Corn 15 Trading Day Predictions Thresholds of 0.5 and -0.5



Soybean 15 Trading Day Predictions Thresholds of 1.0 and -1.0





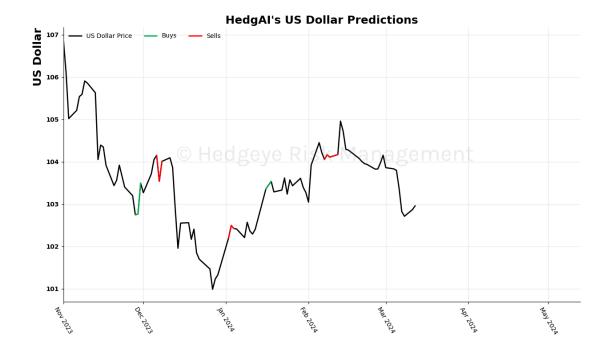


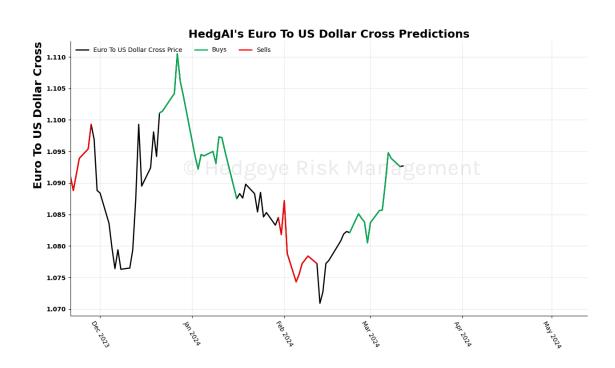
### Wheat 15 Trading Day Predictions Thresholds of 0.7 and -0.7



Sugar 15 Trading Day Predictions Thresholds of 0.9 and -0.9





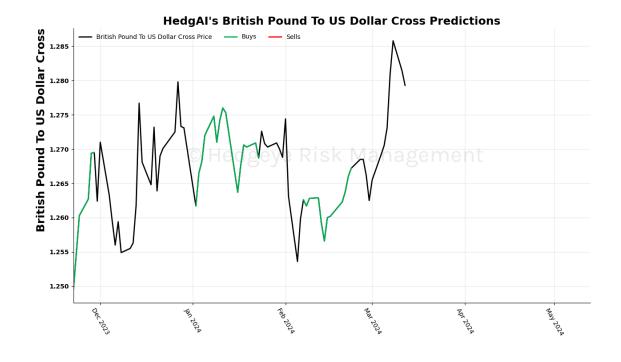


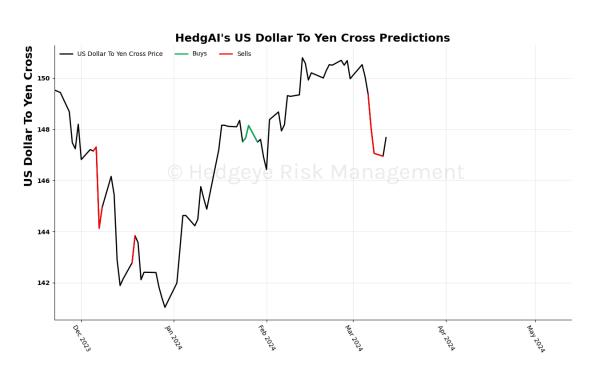
### US Dollar 15 Trading Day Predictions Thresholds of 1.0 and -1.0



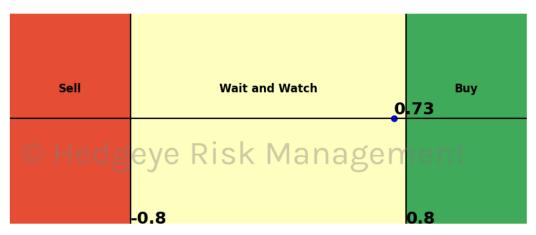
### Euro To US Dollar Cross 15 Trading Day Predictions Thresholds of 1.0 and -1.0



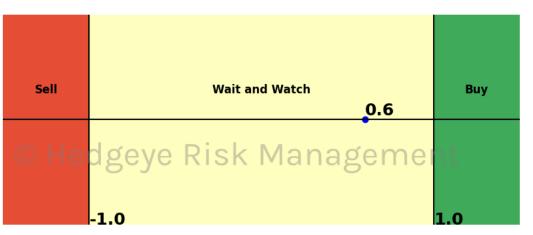


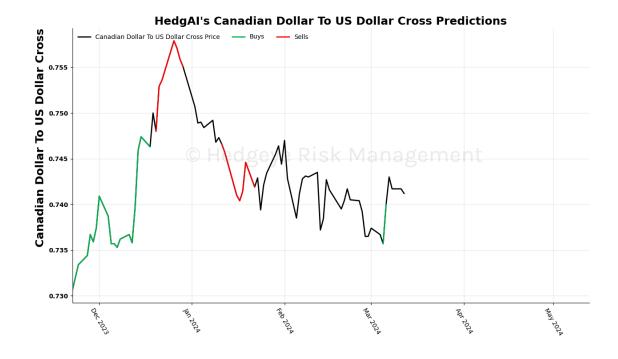


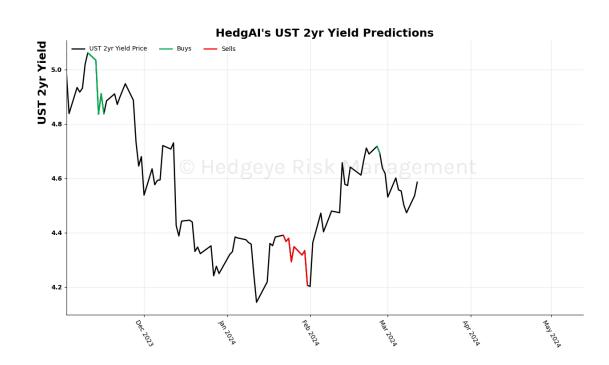
### British Pound To US Dollar Cross 15 Trading Day Predictions Thresholds of 0.8 and -0.8



### US Dollar To Yen Cross 15 Trading Day Predictions Thresholds of 1.0 and -1.0



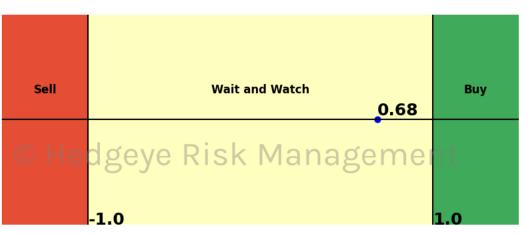


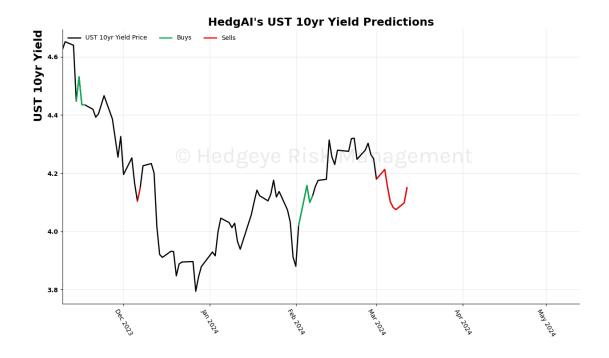


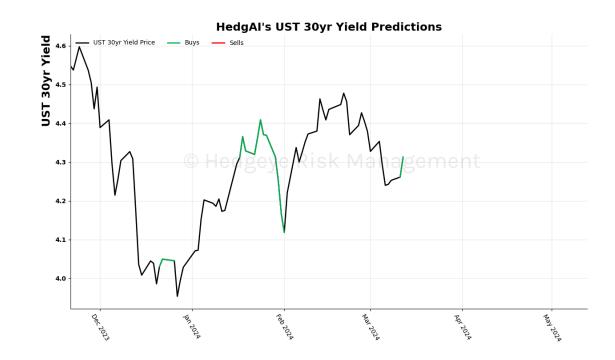
### Canadian Dollar To US Dollar Cross 15 Trading Day Predictions Thresholds of 0.6 and -0.6



UST 2yr Yield 15 Trading Day Predictions Thresholds of 1.0 and -1.0



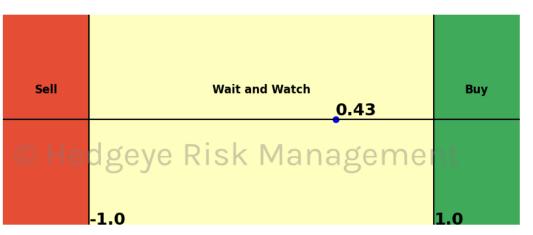


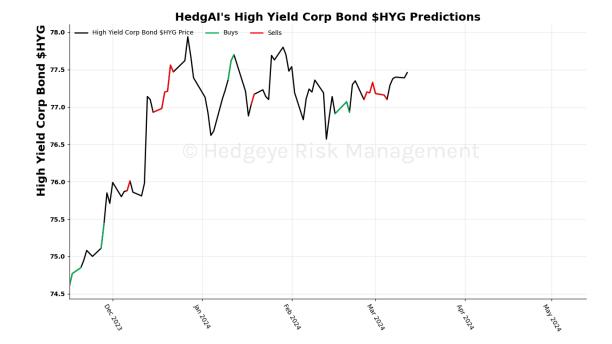


### UST 10yr Yield 15 Trading Day Predictions Thresholds of 1.0 and -1.0



UST 30yr Yield 15 Trading Day Predictions Thresholds of 1.0 and -1.0





High Yield Corp Bond \$HYG 15 Trading Day Predictions
Thresholds of 1.0 and -1.0



### **HedgAI Signals - Description/Tutorial/Disclaimer**

#### HedgAI Signals – Product Description

HedgAI Signals are simple at their core. The Signals are generated by our proprietary "HedgAI" artificial intelligence (AI) trained algorithms—applying non-linear, squared error methods—to identify relationships between past market data and desired predictive outcomes. Each HedgAI algorithm (the "Algo" or "Algos") is trained using one data set and validated and operated on a separate data set.

We have back tested each Algo against years of historical market data and have been pleased with the results. We look forward to applying #timestamps to future iterations. Please keep an eye out for that.

Current signals (Long, Short, and Wait and Watch) are a directional call generated by the Algos, as of the date of publication. "Wait and Watch" means the Algo for that asset does not have a directional call as of the date of publication. Signals are updated daily based on the Algos' daily predictions.

Signaling data for each asset is the result of a unique Algo designed specifically for that asset, and trained using third-party historical market data. Each market day, the Algos ingests market data and updates their signal to either a Long, Sell or Wait and Watch. Based on proprietary calculations against historical market data, each Algo then predicts 15 trading days into the future. The resulting published Z Score is a trailing twelve-month (TTM) Z Score of the Algo's predictions.

Each asset has a unique threshold that marks the point where signals are opened and closed.

The Algo opens a Long signal if the TTM Z Score goes above the published threshold. The Algo closes a Long signal when the TTM Z Score dips back below the same published threshold.

The algorithm opens a Short signal if the TTM Z Score goes below the additive inverse of the published threshold (i.e. if a threshold is 1.0, a Short signal is opened when the TTM Z Score hits -1.0). The Short signal is closed when the TTM Z Score goes back above the same additive inverse of the published threshold.

Wait and Watch is an output generated by the Algo when the TTM Z Score is neither above or below the published threshold or its additive inverse. During Wait and Watch periods, the Algo assumes no signal (Long or Short) in the asset.

#### How HedgAI Works

When HedgAI opens a Long or Short signal, on a given day, the Algo notes the available closing price for that same day based on third-party market data available to Hedgeye. The Algo assumes the signal remains open until the TTM Z Score dictates the signal should be closed (above the threshold for a Long signal or below the additive inverse of the threshold for a Short signal). The Algo records the closing price based on third-party market data available to Hedgeye on the day that the Algo selects to close the signal based on the TTM Z Score moving below the threshold for an open Long signal, and above the additive inverse for a Short signal.

Using an example where the asset's threshold (and additive inverse) is 1.0 and -1.0 [Day, TTM Z Score, Closing Price]:

[8/14/2023, 0.9, 11], [8/15/2023, 1.2, 10], [8/16/2023, 1.3, 12], [8/17/2023, 1.4, 10], [8/18/2023, 0.8, 9], [8/21/2023, -1.1, 10], [8/22/2023, -2.0, 11], [8/23/2023, -0.9, 7], [8/24/2023, 0.2, 9].

Using the threshold stated (remember this is different for each Algo) the signals would be as follows: The Algo would open a long on 8/15/2023 at \$10 and close the long on 8/18/2023 at \$9, losing 10% on its signal. The Algo would also open a short on 8/21/2023 at \$10 and close the short on 8/23/2023 at \$7, a 30% positive price movement on the signal.

#### **Understanding Product Graphics**

Every day you will be given a list of 'Longs Added', 'Shorts Added', 'Longs Closed', 'Shorts Closed'

#### Current Signals

Each market day, the Current Signals will include any directional signals the Algo has "opened" and not yet closed, the Algo's predicted Threshold and the Z Score calculation against yesterday's closing price, one day prior to yesterday's close, 2 days prior to yesterday's close.

#### Summary Signals

Each market day, the Summary Signals will include the Current Signals plus "wait and watch" signals.

#### Trading Day Threshold Slider Graph

Each market day, the slider chart will illustrate the Algo's current TTM Z Score in relation to the threshold for all signals.

#### Algo Signal Graph

Each market day, the Algo Signal Graph will update with the prior day's signal generated by the model. The graph starts from the signal generated the day prior to the first day of publication for each asset. Signals are not actual trades.

#### Asset Non-Stock Asset Classes Models

The Algos designed to make predictions relating to exchange-traded securities are trained and tracked based on the third-party pricing available to those securities. The Algos designed to make predictions relating to assets classes which are not exchange-traded securities, have been trained and tracked based on the following Bloomberg® Tickers. The following chart also provides one example ETF that purports to correlate to the price movement of the corresponding asset.

Hedgeye does not have any influence or control over the management of the example Related ETFs listed and is not responsible for their performance. The Algos' performance in relation to tracking price movement of an asset may vary significantly from any ETF's performance for several reasons outside of Hedgeye's control. Hedgeye does not recommend the investment in any ETF relative to another.

| Asset         | Bloomberg Ticker     | Example Related ETF |
|---------------|----------------------|---------------------|
| US 30yr yield | USGG30YR Index       | TLT*                |
| US 10yr yield | USGG10YR Index       | UST*                |
| US 2yr yield  | USGG2YR Index        | SHY*                |
| Russell       | RTY Index            | IWM                 |
| S&P 500       | SPX Index            | SPY                 |
| Nasdaq        | NDX Index            | QQQ                 |
| Shanghai      | SHCOMP Index         | FXI                 |
| Japan         | NKY Index            | EWJ                 |
| Germany       | DAX Index            | EWG                 |
| Dollar        | DXY Curncy           | UUP                 |
| EUR/USD       | EURUSD Curncy        | FXE                 |
| USD/YEN       | USDJPY Curncy        | FXY*                |
| GBP/USD       | GBPUSD Curncy        | FXB                 |
| CAD/USD       | CADUSD Curncy        | FXC                 |
| Brent Oil     | CO1 Comdty           | BNO                 |
| Copper        | HG1 Comdty           | CPER                |
| Silver        | SI1 Comdty           | SLV                 |
| Sugar         | SB1 Comdty           | CANE                |
| Steel         | STEEL Index          | SLX                 |
| Uranium       | <b>URA US Equity</b> | URA                 |
| Lithium       | LIT US Equity        | LIT                 |
| Wheat         | W 1 Comdty           | WEAT                |
| Palladium     | XPD Curncy           | PALL                |
| Platinum      | XPT Curncy           | PPLT                |
| Crude Oil     | CL1 Comdty           | USO                 |
| Corn          | C 1 Comdty           | CORN                |
| Natural Gas   | NG1 Comdty           | UNG                 |
| Soybean       | S 1 Comdty           | SOYB                |
| Gold          | XAU Curncy           | GLD                 |
| Cotton        | CT1 Comdty           | None                |
| Coffee        | KC1 Comdty           | None                |
| Bitcoin       | XBTUSD Curncy        | BITO                |

#### Disclaimer

HedgAI Signals do not represent actual trades. Hedgeye does not make, and has never made, actual trades based on the HedgAl Signals, Graphics and depictions of HedgAl Signals relative to the market are hypothetical, based third-party market data available to Hedgeye. Hedgeye has not validated third-party data. Due to the hypothetical nature of the model, all Signals and results do not take into consideration trading costs, commissions, or other factors that could impact actual trading results. Actual market conditions, including the price at which a transaction may be executed (including transaction costs), are likely to differ from information communicated through HedgAI Signals. Specifically, some models are trained off underlying asset prices movements that may not be investable instruments. ETFs purporting to track assets are managed by third-parties unaffiliated by Hedgeye. Hedgeye has not verified the price correlation between such ETFs and the underlying asset. Periods of fast markets and specific individual financial instruments' characteristics (such as liquidity, market cap and market interest) may cause significant slippage, less than ideal fills or general unavailability to execute the desired order. Hedgeve does not offer brokerage services and is not responsible for, and cannot control, a subscriber's ability or inability to achieve specific entry or exit points. Hedgeve makes no guarantee that a subscriber will have access to any or all financial instruments listed in HedgAI signals. All investments entail a certain degree of risk; shorting instruments presents increased risk and fees, including, but not limited to, additional broker fees, margin requirements, "short squeezes" and theoretical unlimited loss risk. These market conditions are outside of Hedgeye's control. Neither Hedgeye, nor any market prognosticator, can know for certain the actual price range an investable instrument can or will trade at in the future.

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