

Multi-Asset Sleeves

Holdings	Performance Objective	In-Sample Period		Weekly Monthly Signal Ratio	Avg # Trade Events/Yr
		Avg Begin	Avg End		
A. ETF Risk Sleeves					
1. DJIA x2 => 2y Treasury (s194) USD					
DDM-Cash (no ETF)	RoR/SD higher than Default +0.30 => 0.45	1919	2006	100 0	18.3
2. Commodities SPGSCI => 2-3y Treasuries (s449) USD					
GSG-SHY	RoR/SD higher than Default +0.30 => 0.59	1977	2008	50 50	4.3
3. Bitcoin - Long Only, Low Trading Activity (s465) USD					
BITO-Cash (no- ETF)	RoR/SD higher than Default +0.30 => 0.3	2011	2017	100 0	0.9
B. ETF RASs (Residual Asset Sleeves)					
4. Telecom-ConS-Health w/Loss Avoidance (s486) USD					
VOX-XLV-UST-SHY	High RoR/SD => 0.98	1967	2011	59 41	13.0
5. RAS: 10yTr x2, 2yTr - Monthly (s463) USD					
UST-SHY	High RoR/SD => 0.67	1981	2010	0 100	8.4
6. RAS: 10yTr x2, 2yTr - Weekly (s484) USD					
UST-SHY	RoR/SD higher than Default +0.30 => 0.32	1983	2010	50 50	16.0
7. RAS: 10yTr x2, 2yTr - Comprehensive (s375) USD					
UST-SHY	High RoR/SD => 1.02	1955	2007	66 34	19.8
C. ETF Sleeve Groups (A. Risk+ B. RAS)					
8. DJIA x2 => RAS (10y Treas x2, 2y Treas) (s483) USD					
DDM-UST-SHY	RoR/SD higher than Default +0.30 => 0.58	1919	2006	100 0	18.2
9. NDX x2 => RAS (10y Treas x2, 2y Treas) (s470) USD					
QLD-UST-SHY	RoR/SD higher than Default +0.30 => 0.27	1972	2011	100 0	6.7
10. Onyx - Sectors for Low Rate Environment (s200) USD					
XLP-XLU-UST-SHY	High RoR/SD => 0.99	1984	2006	0 100	29.4
11. ConsS vs Healthcare w/Loss Avoidance (s117) USD					
XLP-XLV-UST-SHY	High RoR/SD => 0.89	1989	2013	100 0	35.5
D. Index Signal Sleeves					
12. MSCI Sector Group Rotation (s191) USD					
Cyclical-Defensive-Resources	Hgh Information Ratio => 0.72	1994	2006	100 0	14.9
13. Japan Equity Loss Avoidance (s176) JPY					
TOPIX-Cash	RoR/SD higher than Default +0.30 => 0.25	1984	2010	25 75	10.4
14. Inflation Concerns - Absolute Ret Objective (s448) USD					
GILB-WGBI	RoR/SD higher than Default +0.30 => 0.48	1996	2007	0 100	4.5

Source: CPM Investing LLC. Data using prices in USD, except as noted, sourced from Bloomberg, LLC. Backtested / hypothetical results do not indicate actual or future returns. Current decision rules and parameters are used to simulate historical performance and portfolio statistics. If and when the rules and parameters are revised, those revisions may affect previously reported simulated historical performance and portfolio characteristics. Focused 15 Investing and Market Resilience Index are registered trademarks of CPM Investing, LLC. Copyright © 2014-2023 CPM Investing, LLC. All Rights Reserved

Multi-Asset Sleeves

Holdings	Performance Objective	In-Sample Period		Weekly Monthly Signal Ratio	Avg # Trade Events/Yr
		Avg Begin	Avg End		
15. US 10y-2y Yield Spreads (Long/Short) (s458) USD					
US 10y, 2y Yield (custom index)	RoR/SD higher than Default +0.30 => 0.53	1985	2007	100 0	14.2
16. USD Spot: High=USD Strength (s177) USD					
EUR, JPY, GBP, AUD	RoR/SD higher than Default +0.30 => 0.85	2009	2007	53 47	26.0
17. AUD Spot: High=AUD Strength (s180) AUD					
AUDJPY, AUDUSD, AUDEUR	RoR/SD higher than Default +0.30 => 0.5	1979	2007	100 0	17.9

Source: CPM Investing LLC. Data using prices in USD, except as noted, sourced from Bloomberg, LLC. Backtested / hypothetical results do not indicate actual or future returns.
Current decision rules and parameters are used to simulate historical performance and portfolio statistics.
If and when the rules and parameters are revised, those revisions may affect previously reported simulated historical performance and portfolio characteristics.
Focused 15 Investing and Market Resilience Index are registered trademarks of CPM Investing, LLC
Copyright © 2014-2023 CPM Investing, LLC. All Rights Reserved

Return Objective: RoR/SD higher than Default +0.30

Design Notes:

Simulated Performance (To Date)

Begin Recovery				Avg End In-sample				1/1/1999 to 8/11/2023			
7/10/2009- 7/28/2023				12/29/2006- 7/28/2023				1/1/1999- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	26.7%	23.3%	1.14	Traded	22.6%	23.6%	0.96	Traded	24.6%	22.6%	1.09
Default*	13.7%	16.5%	0.83	Default*	9.1%	18.1%	0.42	Default*	7.9%	17.7%	0.45
Excess	13.0%	13.1%	0.99	Excess	13.5%	15.1%	0.89	Excess	16.7%	14.5%	1.15

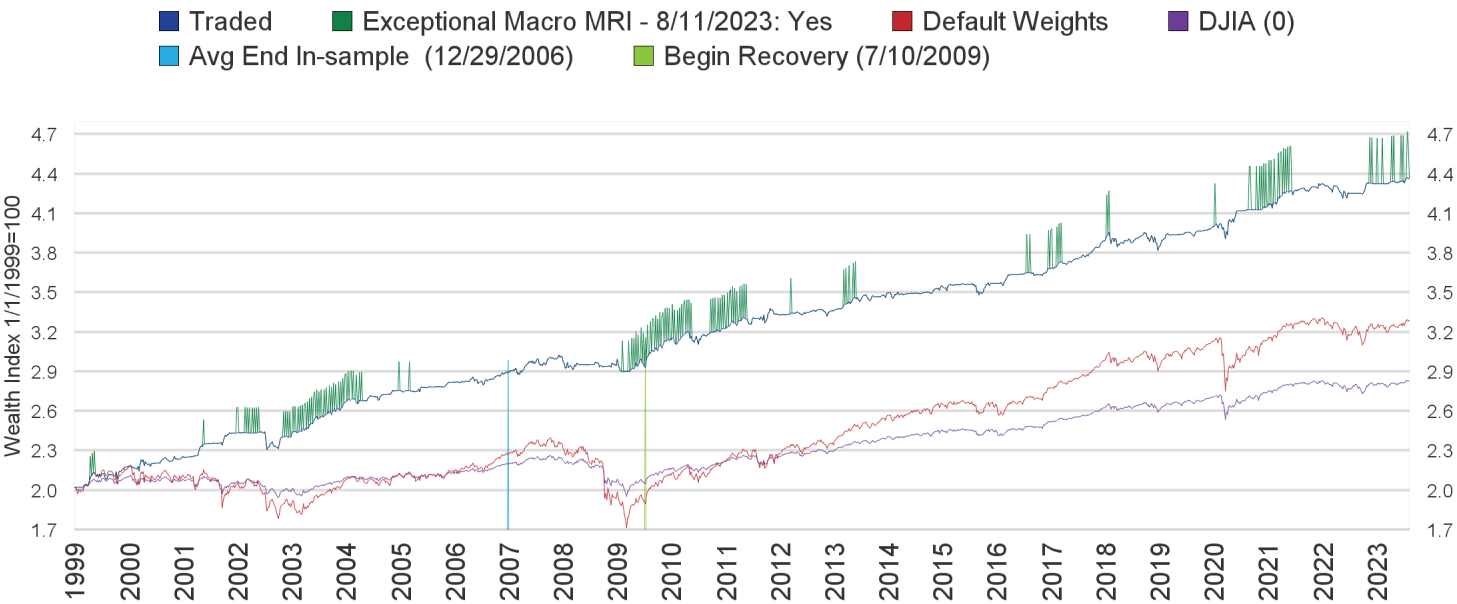
* DJIA

* DJIA

> 0.45

DJIA x2 => 2y Treasury USD (s194) - 1/1/1999 thru 8/11/2023

Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	18%	51%	-7%	86%	21%	16%	20%	29%	-4%	40%	22%	27%	6%	38%	11%	6%	29%	63%	-10%	43%	44%	46%	0%	12%
Default Wts*	-5%	-4%	-16%	28%	6%	2%	19%	10%	-30%	19%	14%	8%	9%	31%	11%	0%	16%	28%	-5%	27%	9%	21%	-7%	8%
Excess	23%	55%	9%	58%	16%	14%	1%	19%	27%	21%	8%	19%	-3%	8%	-0%	6%	12%	35%	-6%	16%	35%	25%	7%	3%
Cumulative Ex	23%	87%	90%	212%	272%	328%	397%	536%	553%	796%	979%	1269%	1344%	1871%	2071%	2210%	2868%	4774%	4270%	6162%	9037%	?	?	?

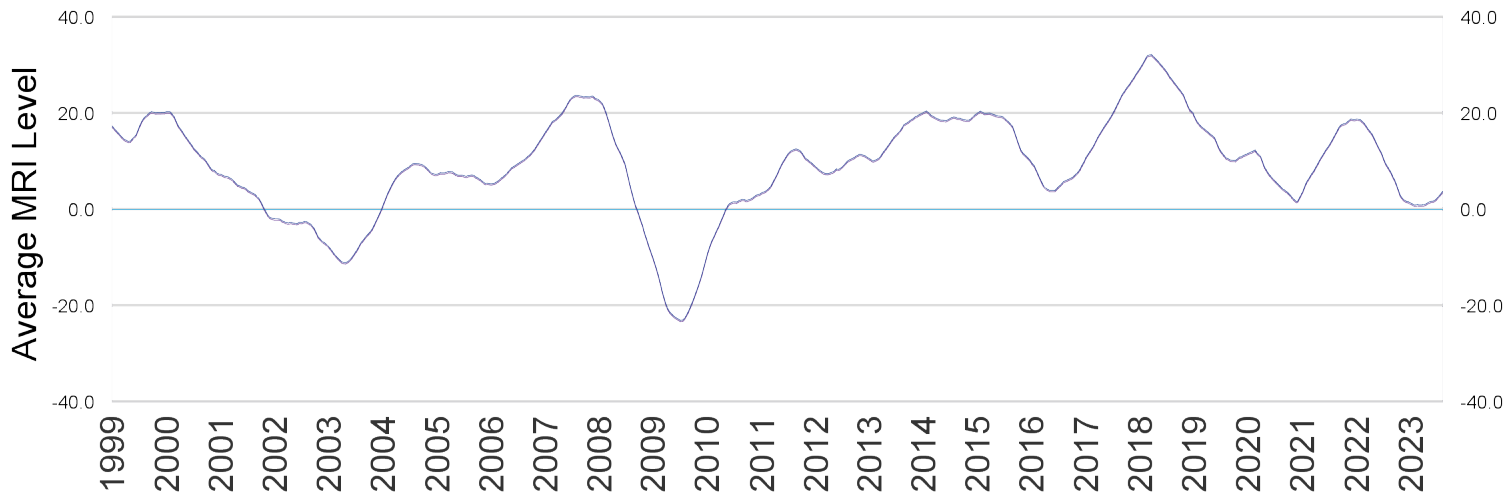
* DJIA

Weights and Investment Vehicles

Neutral		8/11/2023		Avg Begin In-Sample	
100.0%	100.0%	DDM ProShares Ultra Dow30 DJIA x2	1919		
0.0%	0.0%	Cash (no ETF) NA	Weekly Monthly Signal Ratio	100 0	
100.0%			Avg # Trade Events/Yr	18.3	

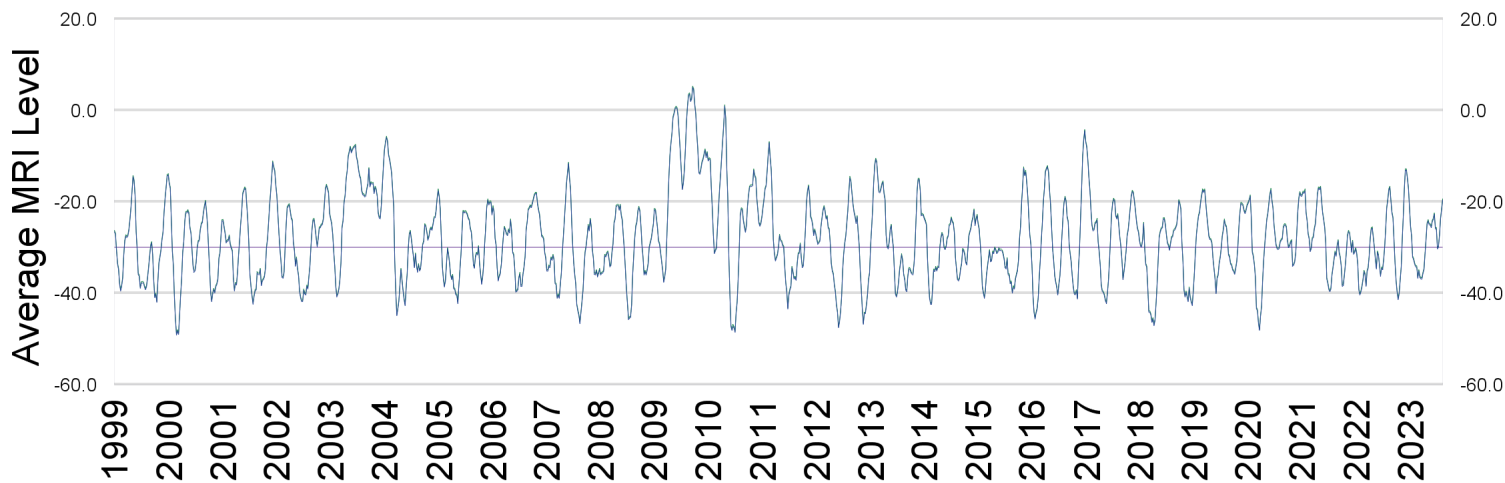
DJIA x2 => 2y Treasury

■ Average Macro MRI - Currently at Pct'L: 18.8



DJIA x2 => 2y Treasury

■ Average Micro MRI - Currently at Pct'L: 77.8



Return Objective: RoR/SD higher than Default +0.30

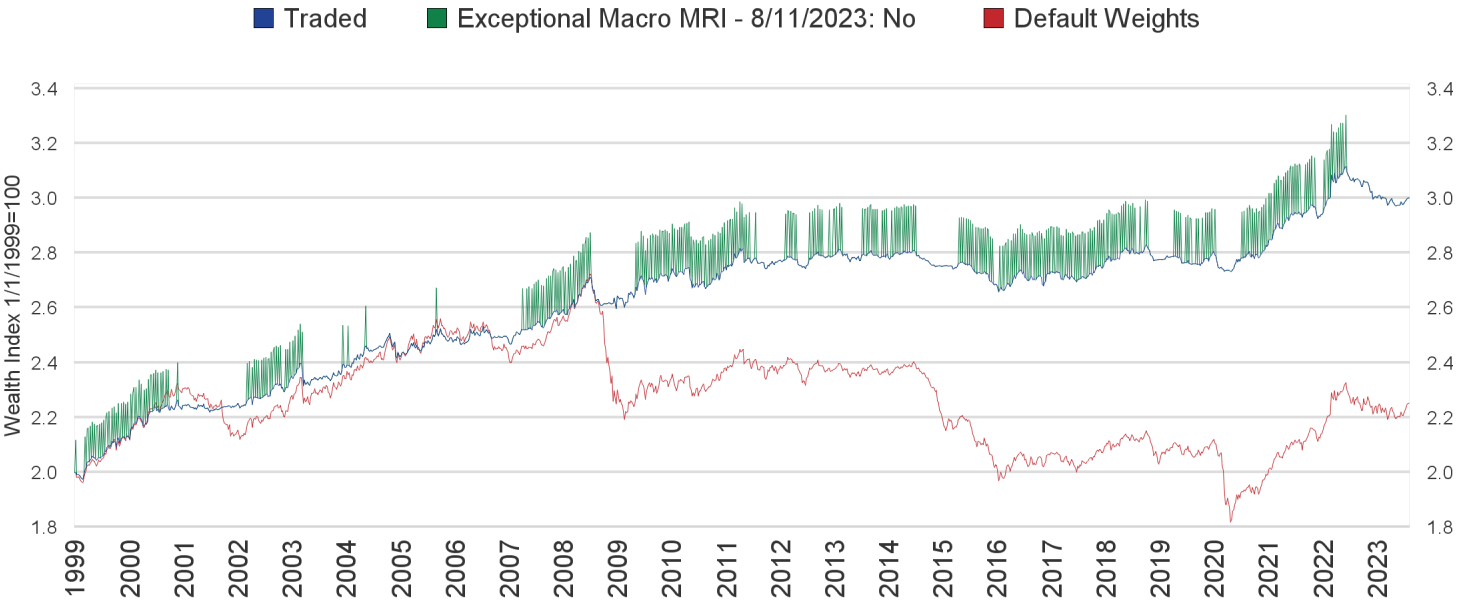
Design Notes: Designed 11/2012 to provide exposure and add value to commodities and emerging market equities.

Simulated Performance (To Date)

Design Date				In-Sample End				1/1/1999 to 8/11/2023			
7/10/2009- 7/28/2023				7/4/2008- 7/28/2023				1/1/1999- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	5.9%	14.5%	0.41	Traded	4.5%	15.4%	0.29	Traded	9.8%	15.5%	0.63
Default*	-0.3%	21.4%	-0.01	Default*	-7.0%	23.8%	-0.29	Default*	2.4%	23.1%	0.10
Excess	6.2%	11.7%	0.53	Excess	11.5%	14.3%	0.80	Excess	7.4%	12.9%	0.58

* Buy and Hold at Neutral Weights

Commodities SPGSCI => 2-3y Treasuries USD (s449) - 1/1/1999 thru 8/11/2023
Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	32%	0%	26%	9%	10%	14%	1%	26%	14%	21%	5%	5%	5%	1%	-10%	-14%	11%	9%	2%	6%	7%	29%	16%	-1%
Default Wts*	54%	-31%	34%	17%	17%	26%	-15%	33%	-45%	10%	9%	-1%	-0%	0%	-34%	-32%	11%	6%	-14%	22%	-24%	40%	26%	2%
Excess	-22%	31%	-8%	-8%	-7%	-11%	16%	-6%	59%	11%	-4%	7%	5%	1%	25%	18%	-0%	3%	16%	-15%	31%	-11%	-10%	-3%
Cumulative Ex	-22%	26%	24%	14%	3%	-18%	22%	14%	180%	235%	240%	265%	286%	290%	307%	284%	316%	347%	369%	378%	434%	552%	631%	617%

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

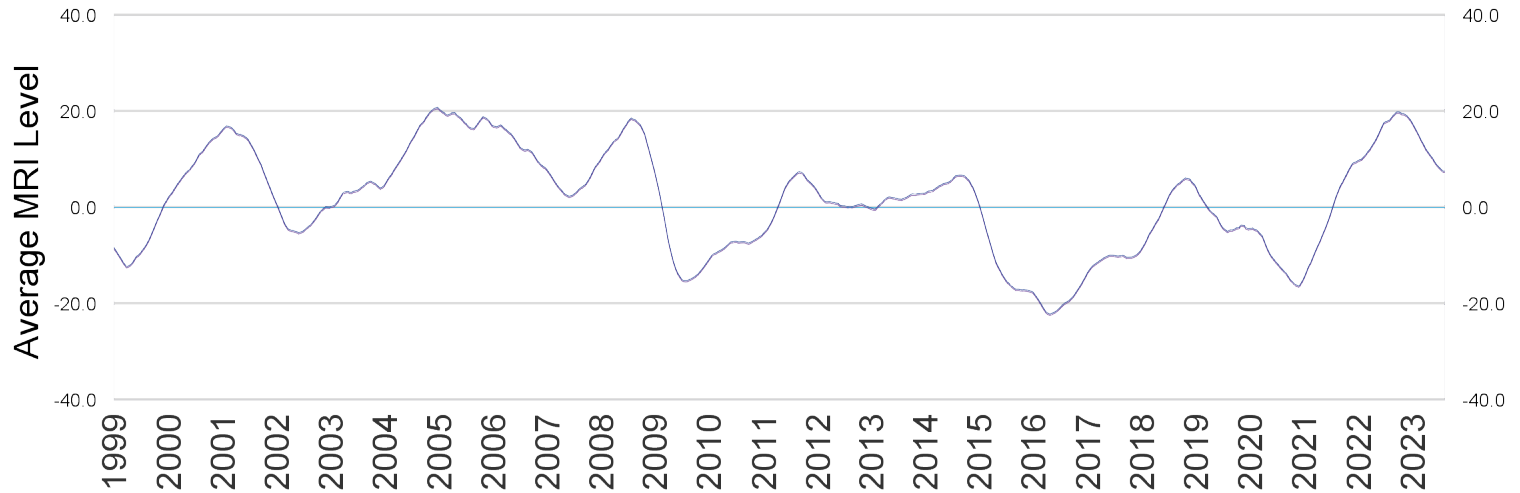
Neutral	8/11/2023	
100.0%	90.0%	GSG iShares S&P GSCI Commodity Ind SPGSCITR
0.0%	10.0%	SHY *Optional* iShares 1-3 Year Treasury Bond
100.0%		

Avg Begin In-Sample	1977
Weekly Monthly Signal Ratio	50 50
Avg # Trade Events/Yr	4.3

A. ETF Risk Sleeves: GSG-SHY

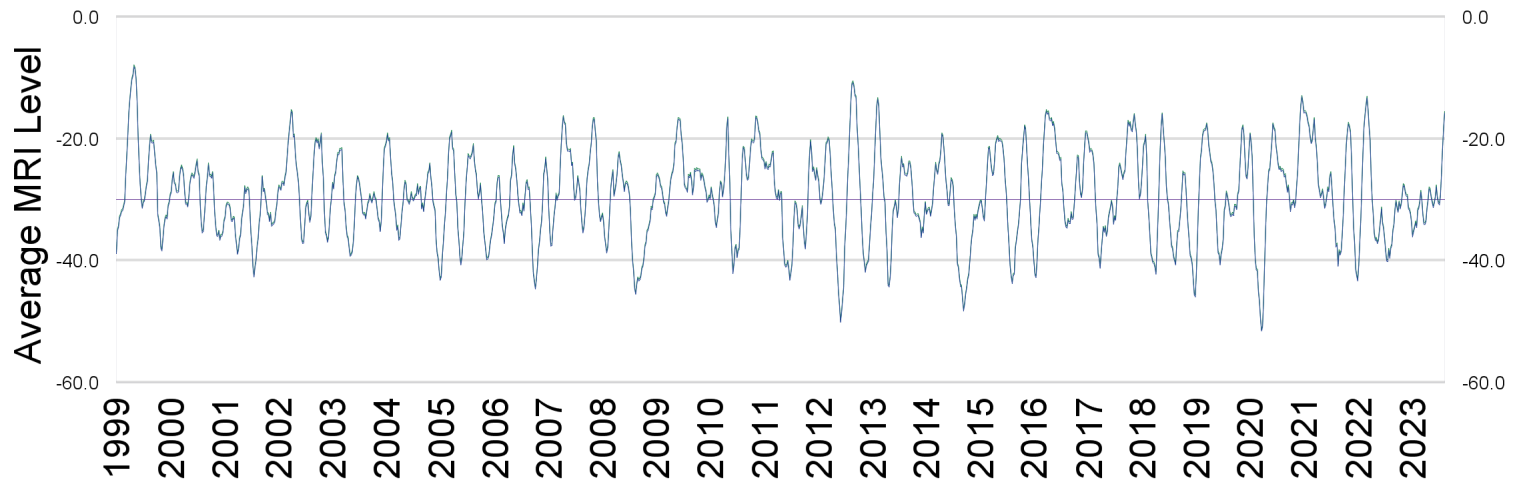
Commodities SPGSCI => 2-3y Treasuries

Average Macro MRI - Currently at Pct'L: 30.5



Commodities SPGSCI => 2-3y Treasuries

Average Micro MRI - Currently at Pct'L: 65.5



Return Objective: RoR/SD higher than Default +0.30

Design Notes:

Simulated Performance (To Date)

	1/6/2017- 7/28/2023		
	Annualized		
	RoR	SD	RoR/SD
Traded	78.4%	64.4%	1.22
Default*	70.5%	76.5%	0.92
Excess	8.0%	41.4%	0.19

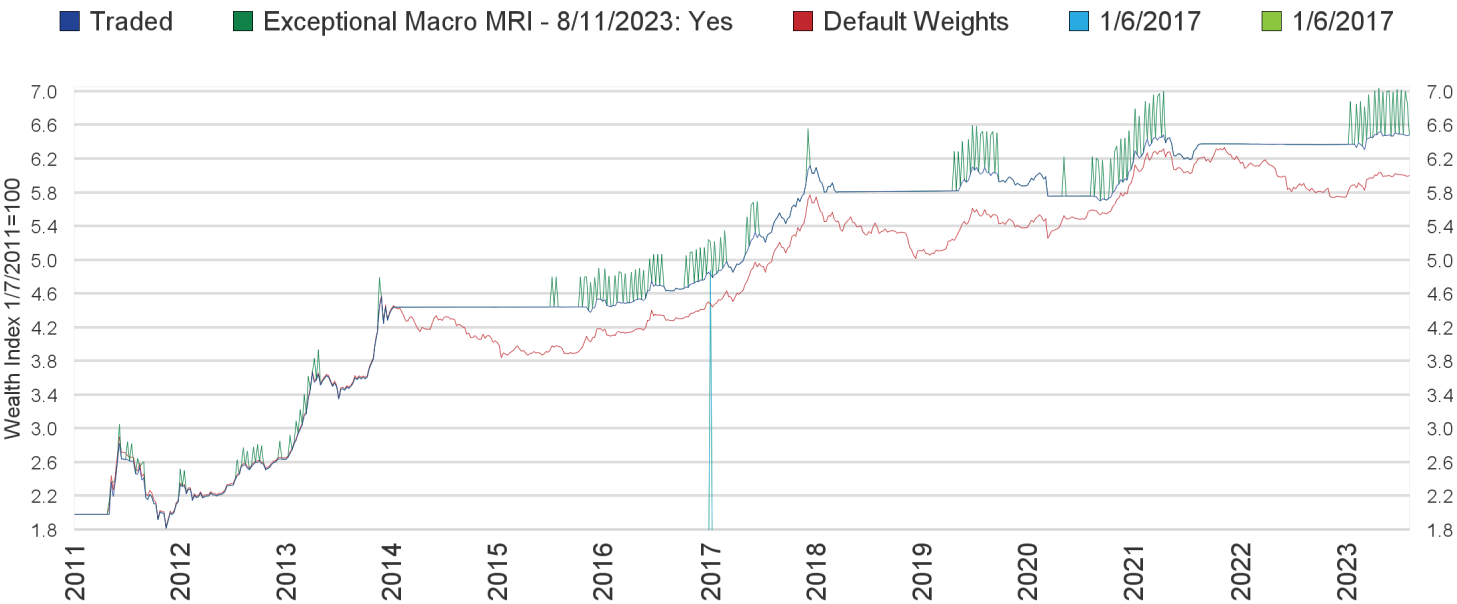
* Buy and Hold at Neutral Weights

	1/6/2017- 7/28/2023		
	Annualized		
	RoR	SD	RoR/SD
Traded	78.4%	64.4%	1.22
Default*	70.5%	76.5%	0.92
Excess	8.0%	41.4%	0.19

* Buy and Hold at Neutral Weights

1/7/2011 to 8/11/2023			
	Annualized		
	RoR	SD	RoR/SD
Traded	127.3%	95.1%	1.34
Default*	108.2%	102.3%	1.06
Excess	19.1%	37.4%	0.51

Bitcoin - Long Only, Low Trading Activity USD (s465) - 1/7/2011 thru 8/11/2023
Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded													216%	?	19%	18%	119%	?	-39%	16%	88%	67%	-1%	29%
Default Wts*													216%	?	-56%	38%	119%	?	-73%	85%	305%	58%	-64%	81%
Excess													-0%	-0%	76%	-20%	0%	-0%	34%	-69%	?	9%	63%	-52%
Cumulative Ex													-0%	-0%	?	?	?	?	?	?	?	?	?	?

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

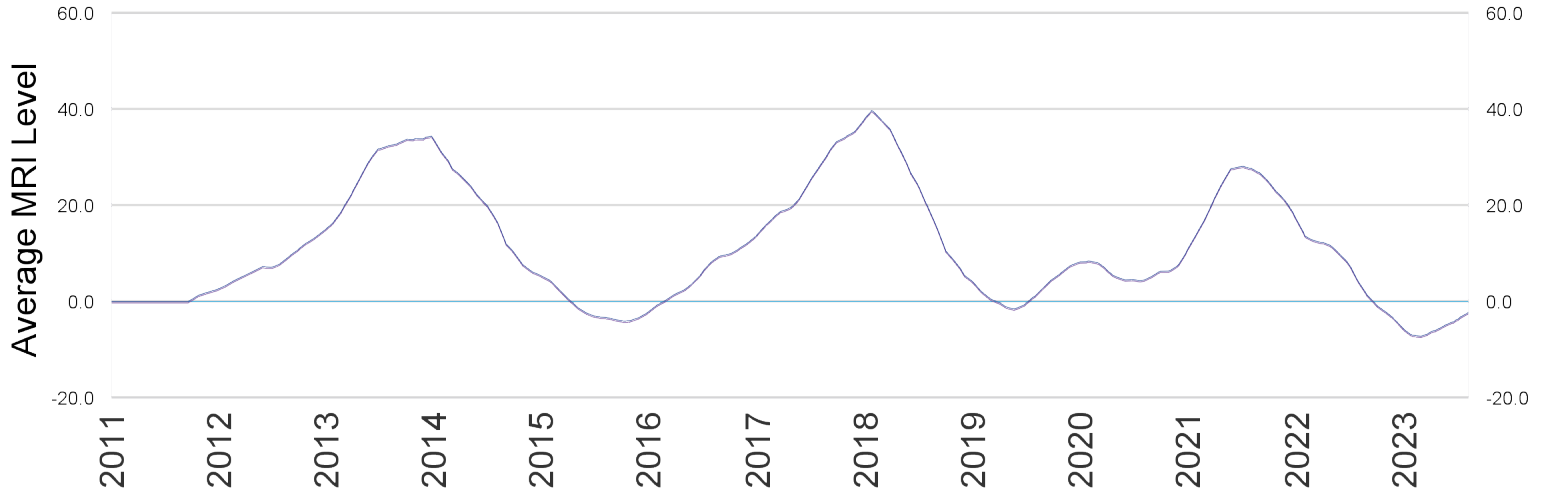
Neutral	8/11/2023	
100.0%	100.0%	BITO *Optional* ProShares Bitcoin Strategy ETF
100.0%		

Avg Begin In-Sample	2011
Weekly Monthly Signal Ratio	100 0
Avg # Trade Events/Yr	0.9

A. ETF Risk Sleeves: BITO-Cash (no- ETF)

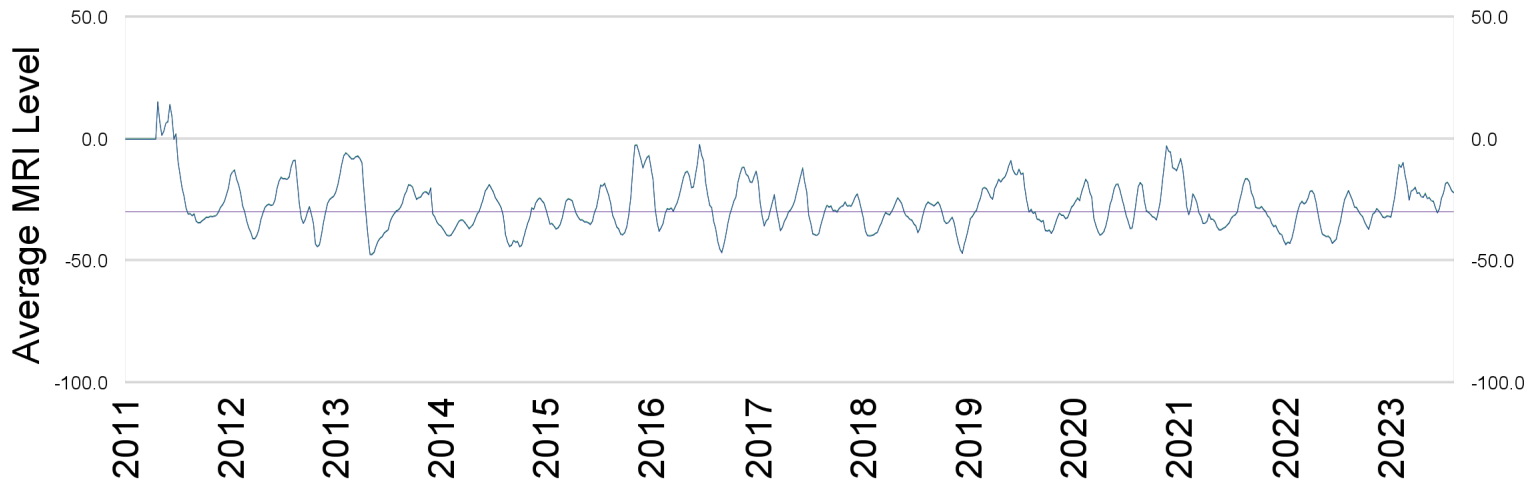
Bitcoin - Long Only, Low Trading Activity

■ Average Macro MRI - Currently at Pct'L: 5.7



Bitcoin - Long Only, Low Trading Activity

■ Average Micro MRI - Currently at Pct'L: 86

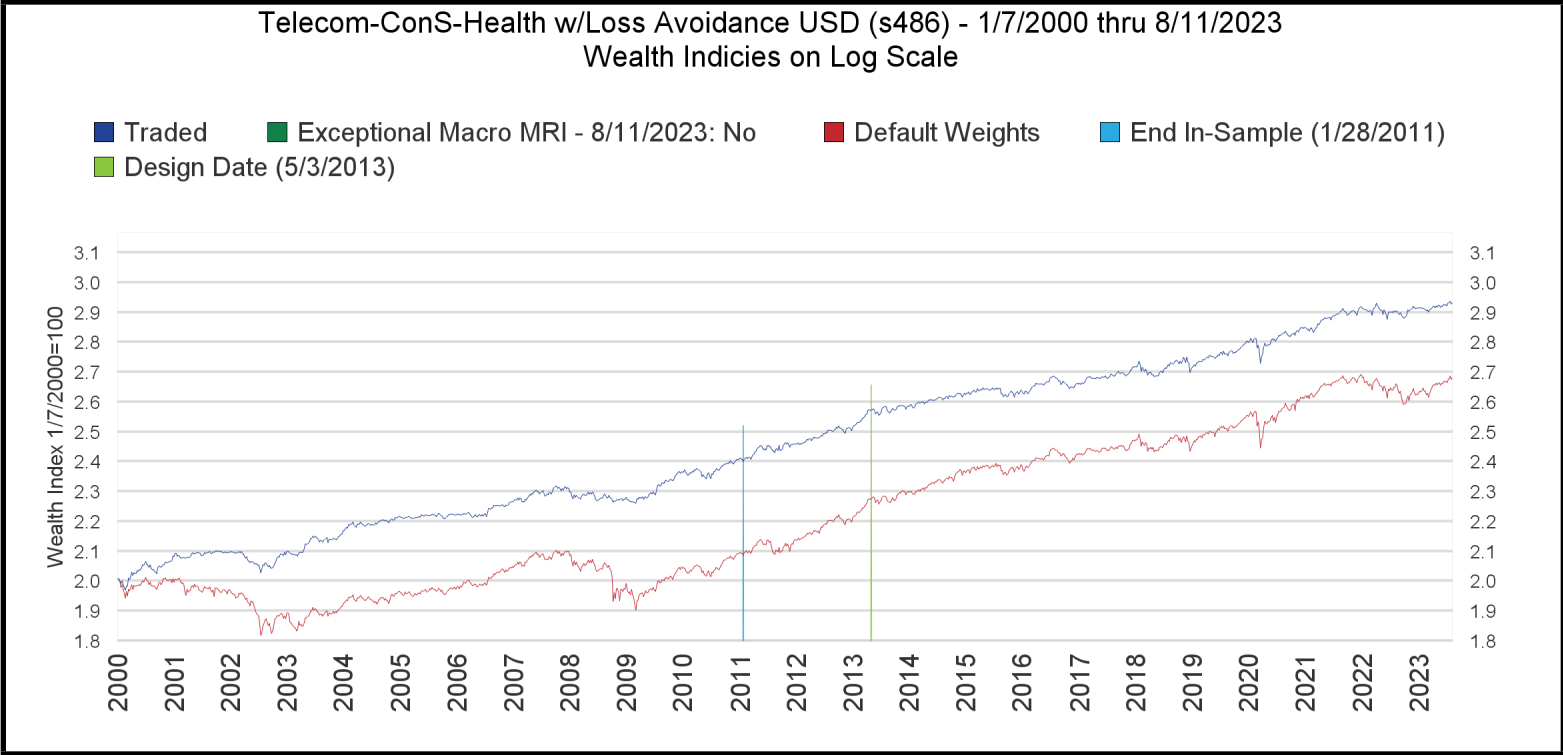


4. Telecom-ConS-Health w/Loss Avoidance (s486) USD
B. ETF RASs (Residual Asset Sleeves): VOX-XLV-UST-SHY

Return Objective: High RoR/SD
Design Notes:

Simulated Performance (To Date)

Table with 3 main sections: Design Date (5/3/2013- 7/28/2023), End In-Sample (1/28/2011- 7/28/2023), and 1/7/2000 to 8/11/2023. Each section contains a table with columns for Traded, Default*, and Excess, and rows for RoR, SD, and RoR/SD.



Simulated Performance (USD) - based on weekly data

Table showing annual percentage returns for Traded, Default Wts*, Excess, and Cumulative Ex from 2000 to 2023, plus a YD23 column.

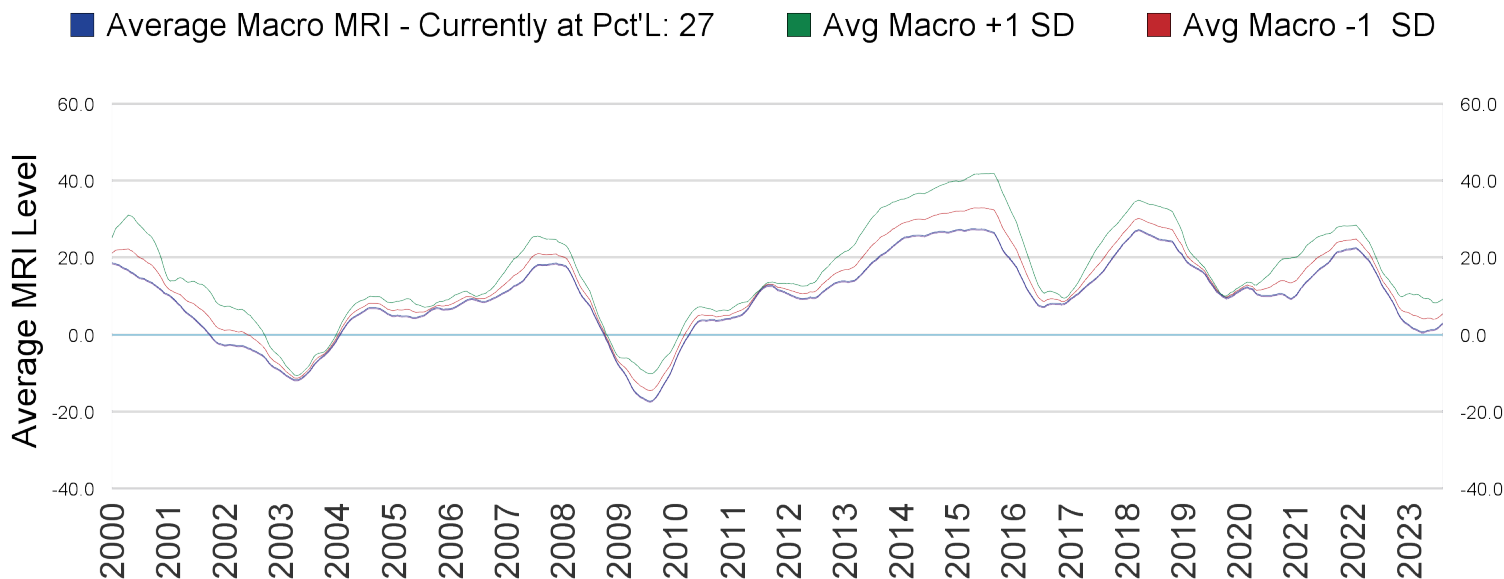
* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

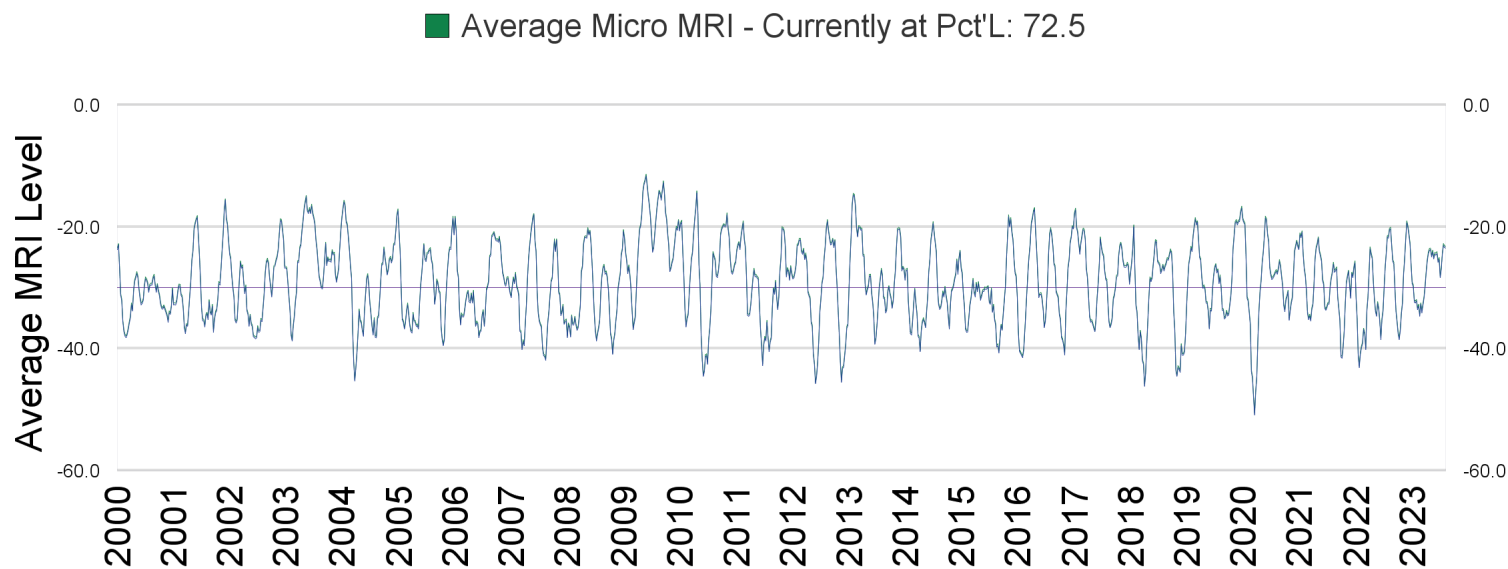
Table showing Neutral weights (33.3%, 33.3%, 33.3%, 100.0%) and corresponding investment vehicles: XLP, VOX, and XLV.

Table showing performance metrics: Avg Begin In-Sample (1967), Weekly|Monthly Signal Ratio (59 | 41), and Avg # Trade Events/Yr (13.0).

Telecom-ConS-Health w/Loss Avoidance



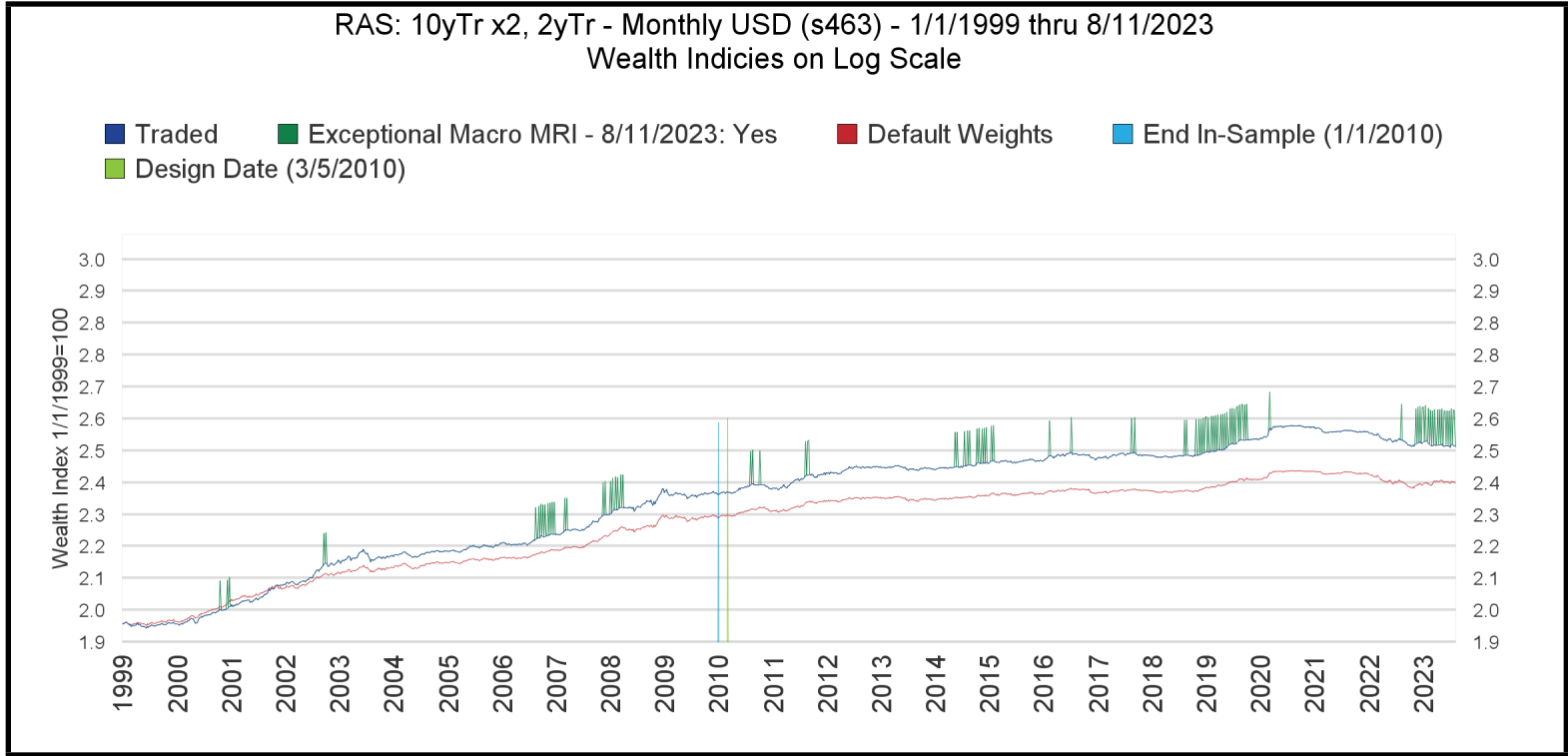
Telecom-ConS-Health w/Loss Avoidance



Return Objective: High RoR/SD

Design Notes: Provides exposure to the leveraged US 10y bond ETF “UST”. Intended to perform well when the prices of risk assets decline and to avoid losses when US 10y bonds decline. The signals are roughly balanced between absolute and relative. The average start date of these analyses is 1990. The average year of the last data used in the analysis is 2008.

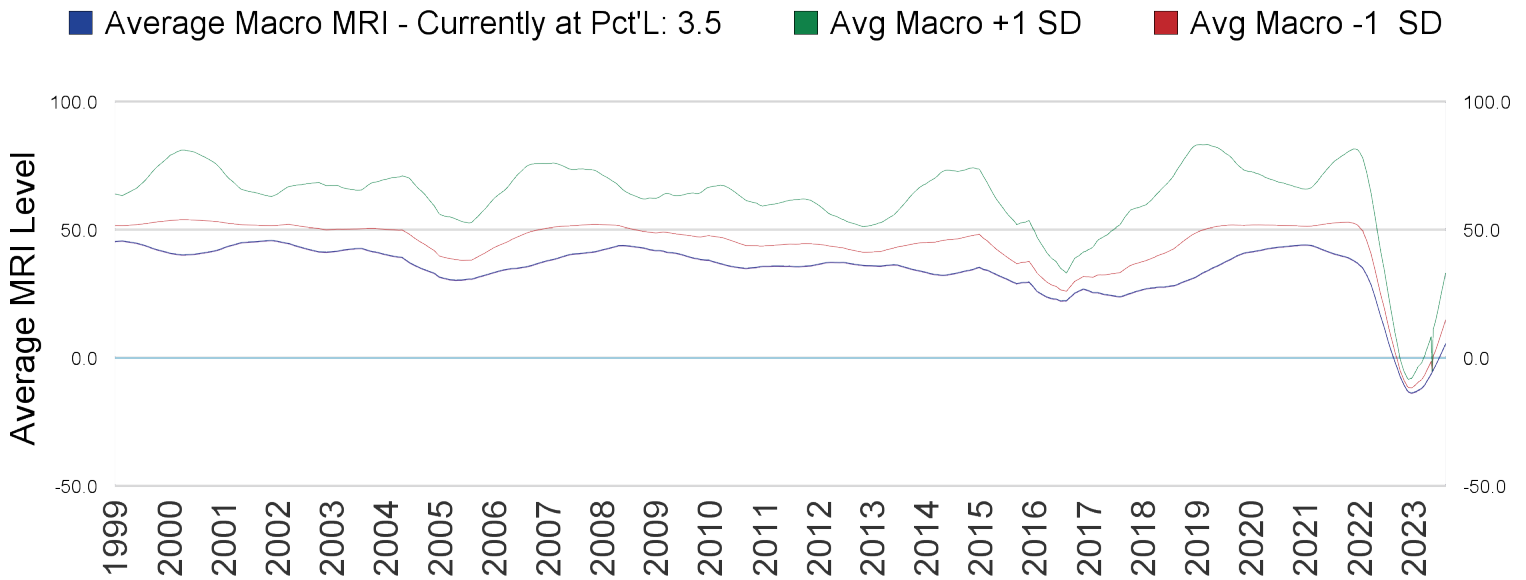
Simulated Performance (To Date)											
Design Date				End In-Sample				1/1/1999 to 8/11/2023			
3/5/2010- 7/28/2023				1/1/2010- 7/28/2023				1/1/1999- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	2.3%	3.5%	0.65	Traded	2.4%	3.5%	0.67	Traded	4.8%	4.2%	1.15
Default*	1.6%	2.8%	0.58	Default*	1.7%	2.8%	0.61	Default*	3.8%	3.2%	1.18
Excess	0.7%	1.5%	0.44	Excess	0.6%	1.5%	0.44	Excess	1.0%	1.8%	0.56
* Buy and Hold at Neutral Weights				* Buy and Hold at Neutral Weights							



Simulated Performance (USD) - based on weekly data																								
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded default Wts*	12%	16%	17%	2%	4%	5%	6%	14%	15%	-1%	4%	11%	4%	-2%	5%	1%	2%	2%	2%	9%	8%	-3%	-7%	-1%
	14%	9%	11%	2%	4%	3%	5%	10%	13%	-0%	5%	7%	2%	-2%	3%	1%	1%	1%	2%	6%	6%	-2%	-7%	2%
Excess	-2%	7%	6%	-0%	-0%	2%	1%	4%	3%	-1%	-0%	4%	2%	0%	1%	0%	1%	0%	0%	3%	3%	-2%	0%	-3%
Cumulative Ex	-2%	5%	14%	13%	14%	18%	20%	29%	38%	36%	36%	48%	54%	53%	58%	60%	63%	65%	67%	81%	95%	87%	81%	71%
* Buy and Hold at Neutral Weights																								

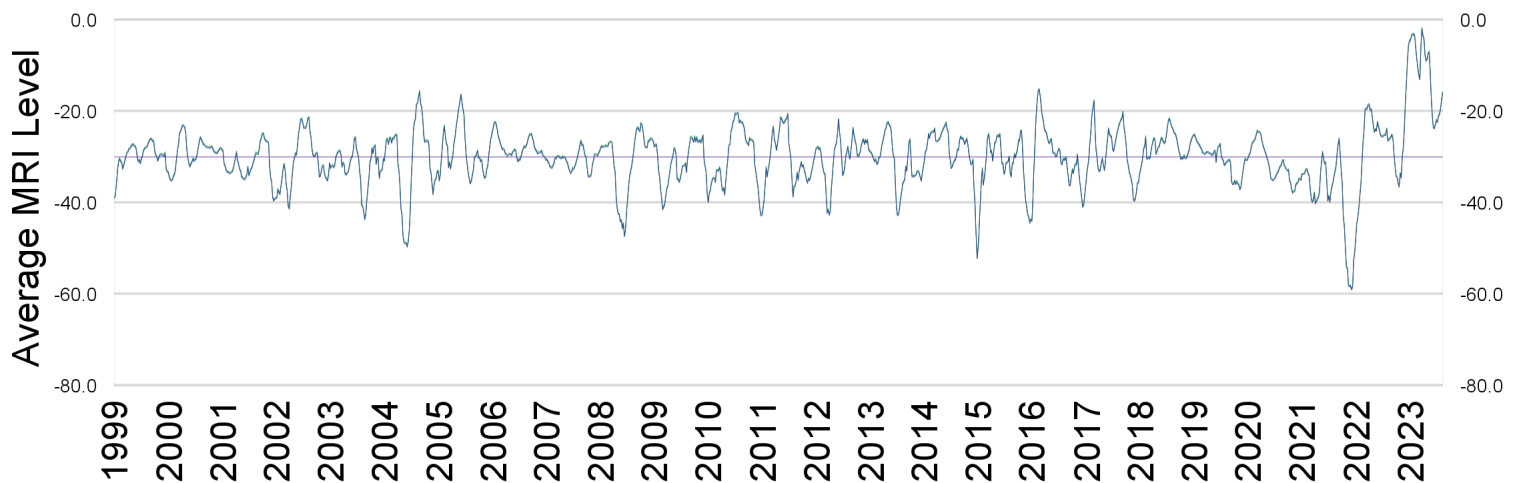
Weights and Investment Vehicles									
Neutral		8/11/2023							
25.0%		50.0%		UST ProShares Ultra 7-10 Year Trea US 10y Treasury					
75.0%		50.0%		SHY *Optional* iShares 1-3 Year Treasury Bond					
100.0%									

RAS: 10yTr x2, 2yTr - Monthly



RAS: 10yTr x2, 2yTr - Monthly

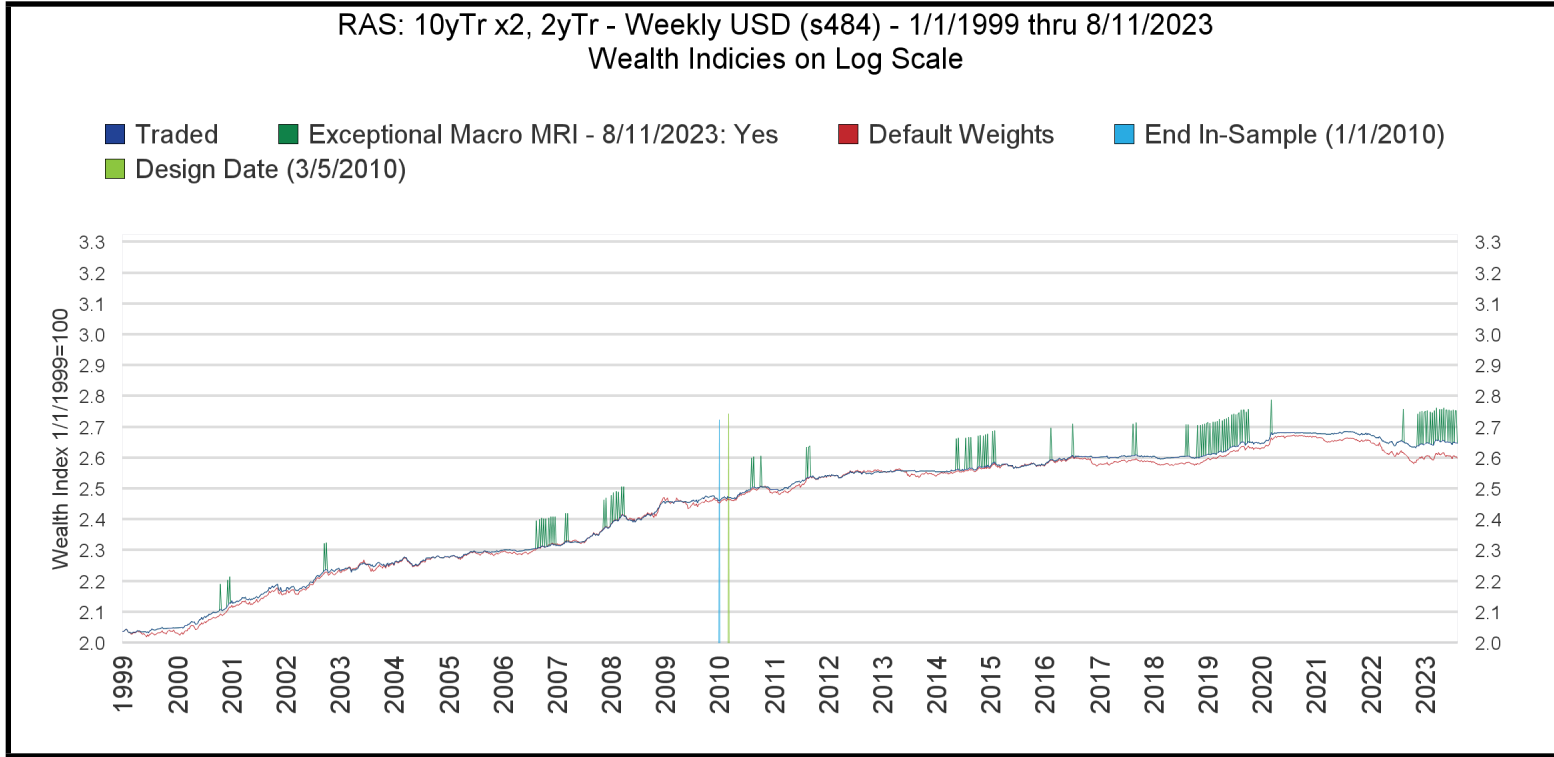
■ Average Micro MRI - Currently at Pct'L: 62.3



Return Objective: RoR/SD higher than Default +0.30

Design Notes: Provides exposure to the leveraged US 10y bond ETF “UST”. Intended to perform well when the prices of risk assets decline and to avoid losses when US 10y bonds decline. The signals are roughly balanced between absolute and relative. The average start date of these analyses is 1990. The average year of the last data used in the analysis is 2008.

Simulated Performance (To Date)												
Design Date				End In-Sample				1/1/1999 to 8/11/2023				
3/5/2010- 7/28/2023				1/1/2010- 7/28/2023				1/1/1999- 8/11/2023				
Annualized				Annualized				Annualized				
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD	
Traded	3.1%	4.0%	0.77	Traded	3.2%	4.0%	0.80	} 0.32	Traded	5.9%	4.7%	1.25
Default*	2.4%	5.3%	0.45	Default*	2.6%	5.3%	0.48		Default*	5.4%	6.0%	0.90
Excess	0.7%	2.6%	0.26	Excess	0.7%	2.6%	0.25		Excess	0.4%	2.9%	0.15
* Buy and Hold at Neutral Weights				* Buy and Hold at Neutral Weights								

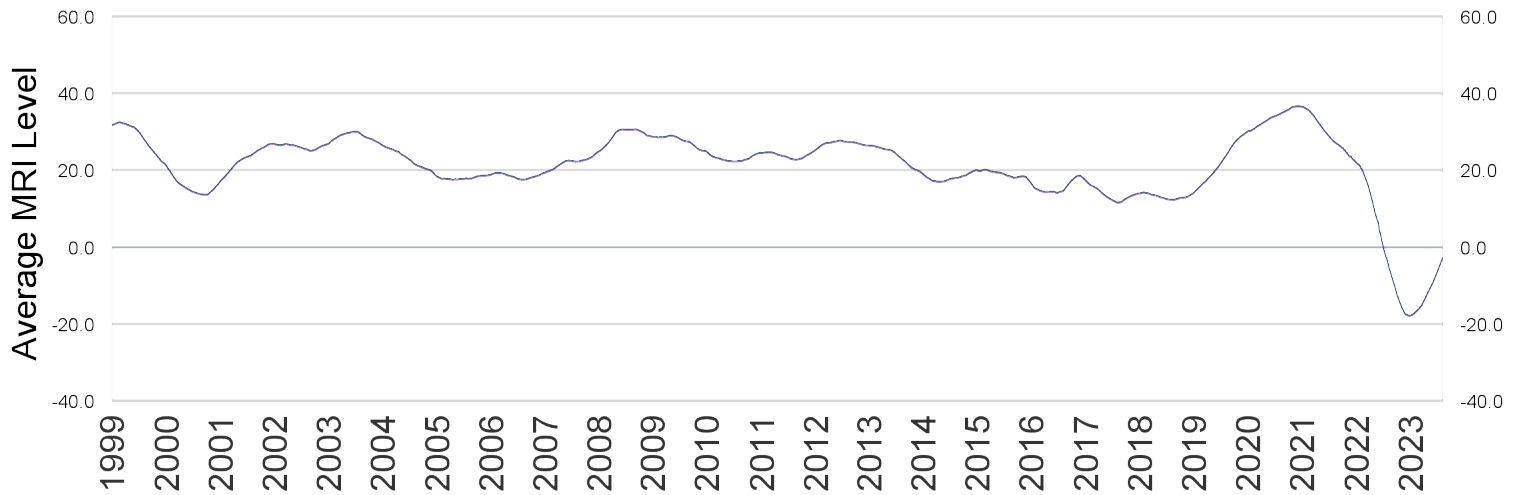


Simulated Performance (USD) - based on weekly data																								
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	12%	16%	17%	2%	4%	5%	6%	14%	15%	-1%	4%	11%	4%	-2%	5%	1%	2%	2%	2%	9%	8%	-3%	-7%	-1%
Default Wts*	14%	9%	11%	2%	4%	3%	5%	10%	13%	-0%	5%	7%	2%	-2%	3%	1%	1%	1%	2%	6%	6%	-2%	-7%	2%
Excess	-2%	7%	6%	-0%	-0%	2%	1%	4%	3%	-1%	-0%	4%	2%	0%	1%	0%	1%	0%	0%	3%	3%	-2%	0%	-3%
Cumulative Ex	-2%	5%	14%	13%	14%	18%	20%	29%	38%	36%	36%	48%	54%	53%	58%	60%	63%	65%	67%	81%	95%	87%	81%	71%
* Buy and Hold at Neutral Weights																								

Weights and Investment Vehicles																					
Neutral		8/11/2023																			
50.0%		25.0%		UST ProShares Ultra 7-10 Year Trea US 10y Treasury																	
50.0%		75.0%		SHY *Optional* iShares 1-3 Year Treasury Bond																	
100.0%																					
										Avg Begin In-Sample		1983									
										Weekly Monthly Signal Ratio		50 50									
										Avg # Trade Events/Yr		16.0									

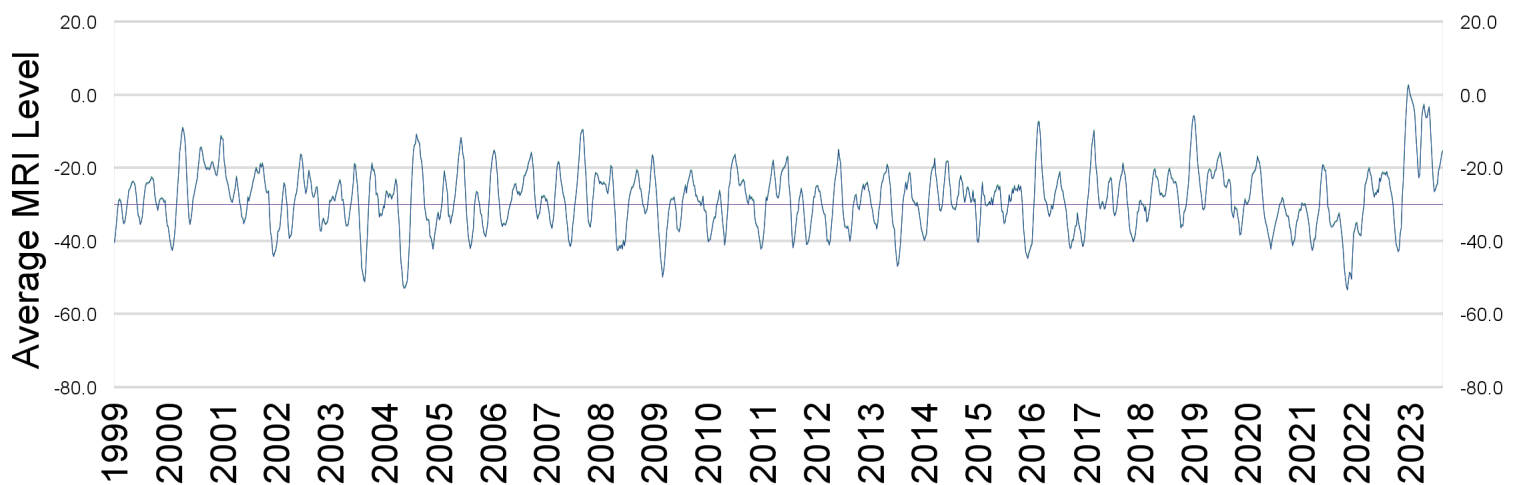
RAS: 10yTr x2, 2yTr - Weekly

■ Average Macro MRI - Currently at Pct'L: 4.1 ■ Avg Macro +1 SD ■ Avg Macro -1 SD



RAS: 10yTr x2, 2yTr - Weekly

■ Average Micro MRI - Currently at Pct'L: 75



7. RAS: 10yTr x2, 2yTr - Comprehensive (s375) USD

7

B. ETF RASs (Residual Asset Sleeves): UST-SHY

Return Objective: High RoR/SD

Design Notes: Algorithms have shifted from late 2022 to present because of high level of rate changes.

Simulated Performance (To Date)

Recovery

7/10/2009- 7/21/2023

Annualized

	RoR	SD	RoR/SD
Traded	2.5%	3.6%	0.70
Default*	1.6%	2.6%	0.60
Excess	0.9%	1.5%	0.61

* Buy and Hold at Neutral Weights

End In-Sample

2/23/2007- 7/21/2023

Annualized

	RoR	SD	RoR/SD
Traded	3.9%	3.8%	1.02
Default*	2.5%	2.9%	0.88
Excess	1.3%	1.6%	0.85

* Buy and Hold at Neutral Weights

1/1/1999 to 8/11/2023

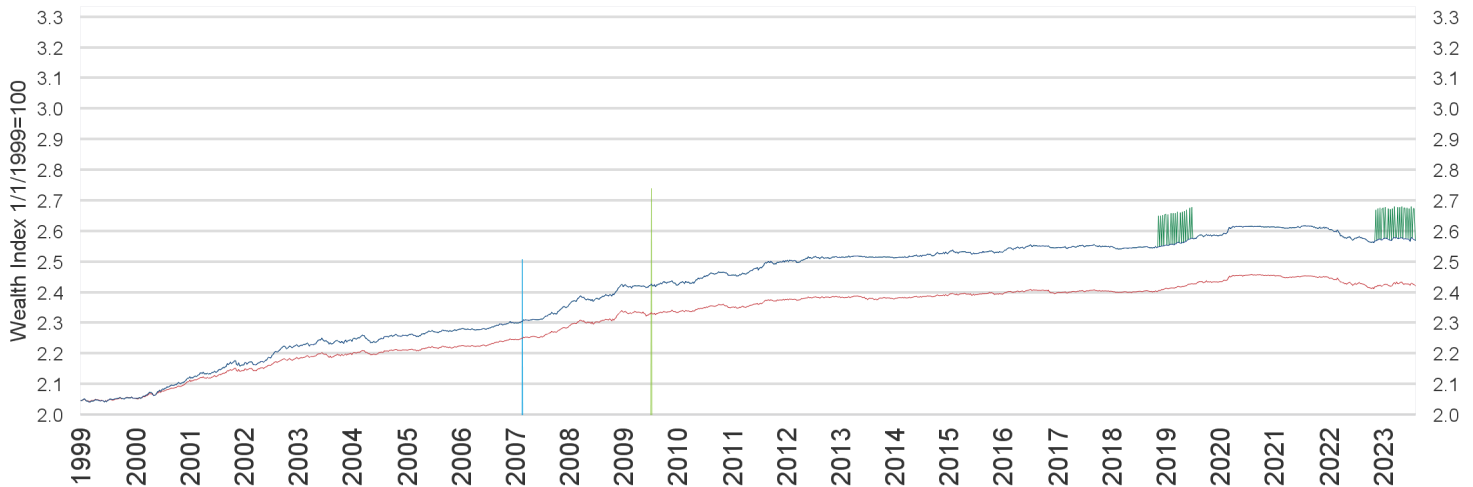
1/1/1999- 8/11/2023

Annualized

	RoR	SD	RoR/SD
Traded	5.0%	4.1%	1.24
Default*	3.6%	3.0%	1.21
Excess	1.4%	1.6%	0.89

RAS: 10yTr x2, 2yTr - Comprehensive USD (s375) - 1/1/1999 thru 8/11/2023 Wealth Indices on Log Scale

■ Traded ■ Exceptional Macro MRI - 8/11/2023: Yes ■ Default Weights ■ End In-Sample (2/23/2007)
■ Recovery (7/10/2009)



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	16%	11%	17%	2%	5%	5%	5%	13%	16%	1%	8%	11%	3%	-0%	4%	0%	4%	1%	1%	8%	7%	-1%	-9%	1%
Default Wts*	13%	9%	10%	2%	3%	3%	5%	10%	12%	-0%	4%	6%	2%	-2%	3%	1%	1%	1%	2%	5%	5%	-1%	-7%	1%
Excess	3%	2%	6%	-0%	1%	2%	-0%	4%	4%	1%	4%	5%	1%	1%	1%	-0%	3%	-0%	-1%	2%	2%	1%	-2%	-1%
Cumulative Ex	3%	5%	14%	14%	17%	20%	20%	29%	41%	44%	54%	71%	74%	76%	81%	81%	89%	89%	88%	100%	111%	111%	96%	95%

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

Neutral

8/11/2023

31.3%	33.3%	UST ProShares Ultra 7-10 Year Trea US 10y Treasury
18.8%	16.8%	SHY *Optional* iShares 1-3 Year Treasury Bond
50.0%	50.0%	XLP Consumer Staples Select Sector S&P Consumer
100.0%		

Avg Begin In-Sample 1955

Weekly|Monthly Signal Ratio 66 | 34

Avg # Trade Events/Yr 19.8

Source: CPM Investing LLC. Data using prices in USD, except as noted, sourced from Bloomberg, LLC. Backtested / hypothetical results do not indicate actual or future returns. Current decision rules and parameters are used to simulate historical performance and portfolio statistics.

If and when the rules and parameters are revised, those revisions may affect previously reported simulated historical performance and portfolio characteristics.

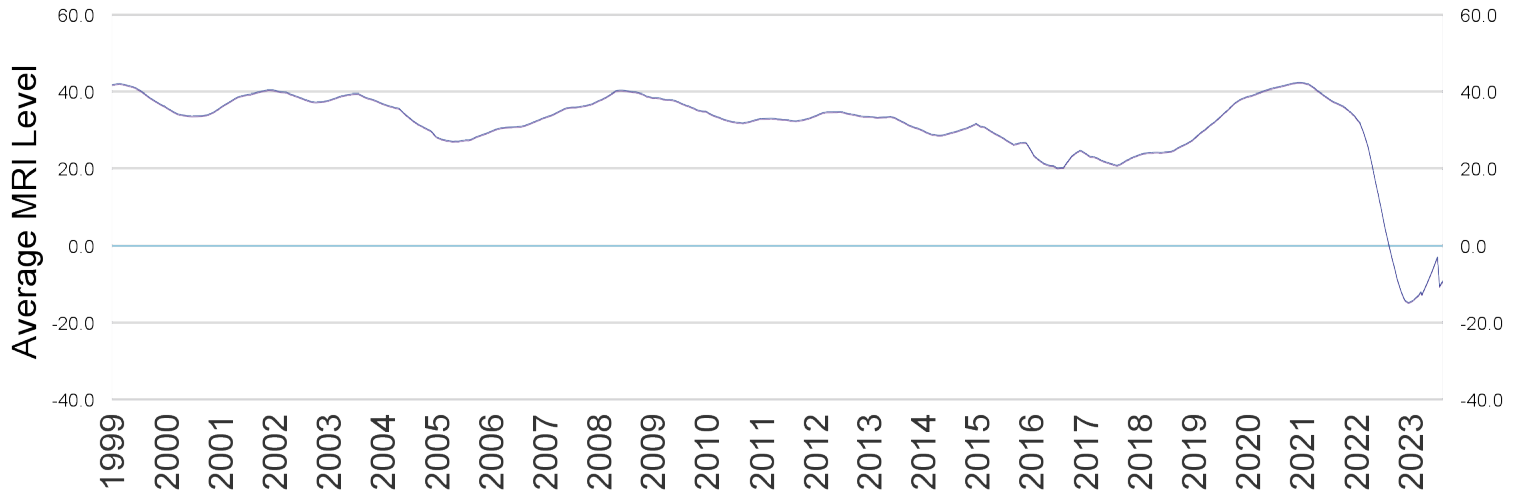
Focused 15 Investing and Market Resilience Index are registered trademarks of CPM Investing, LLC

Copyright © 2014-2023 CPM Investing, LLC. All Rights Reserved

B. ETF RASs (Residual Asset Sleeves): UST-SHY

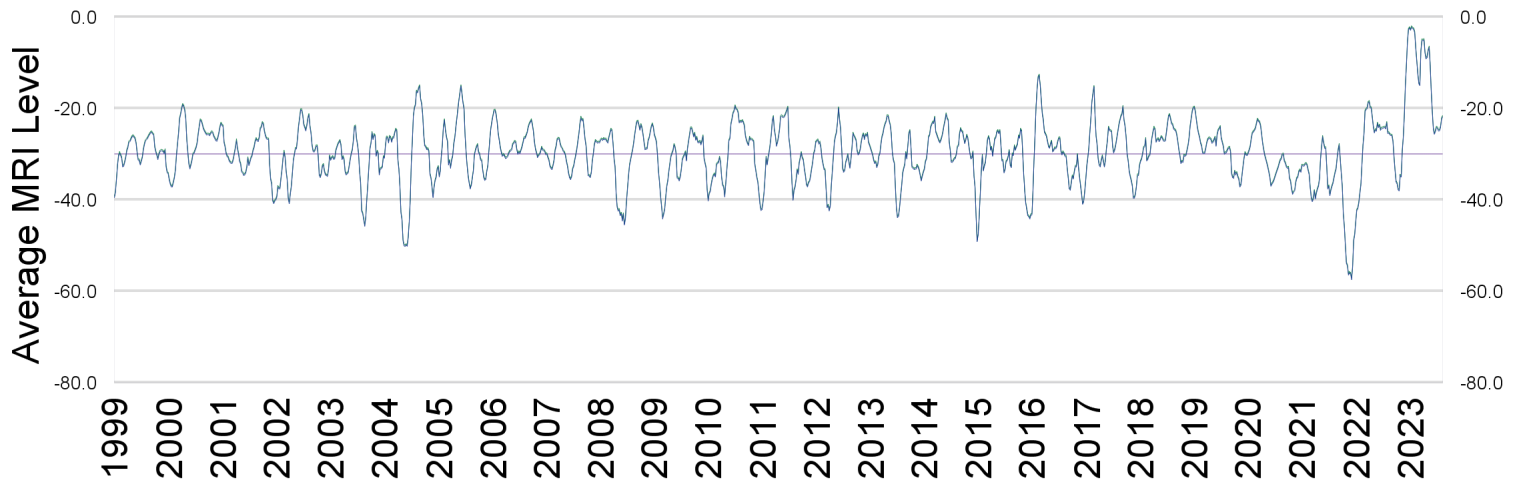
RAS: 10yTr x2, 2yTr - Comprehensive

Average Macro MRI - Currently at Pct'L: 12.6



RAS: 10yTr x2, 2yTr - Comprehensive

Average Micro MRI - Currently at Pct'L: 64.4



Return Objective: RoR/SD higher than Default +0.30

Design Notes:

Simulated Performance (To Date)

Initial Sleeve Design				Avg End In-sample				1/7/2000 to 8/11/2023			
7/10/2009- 7/28/2023				12/29/2006- 7/28/2023				1/7/2000- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	27.9%	23.6%	1.19	Traded	23.8%	23.9%	0.99	Traded	24.9%	22.9%	1.09
Default*	25.6%	33.0%	0.78	Default*	15.1%	36.2%	0.42	Default*	11.3%	35.4%	0.32
Excess	2.3%	17.8%	0.13	Excess	8.7%	22.6%	0.39	Excess	13.6%	22.4%	0.61

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

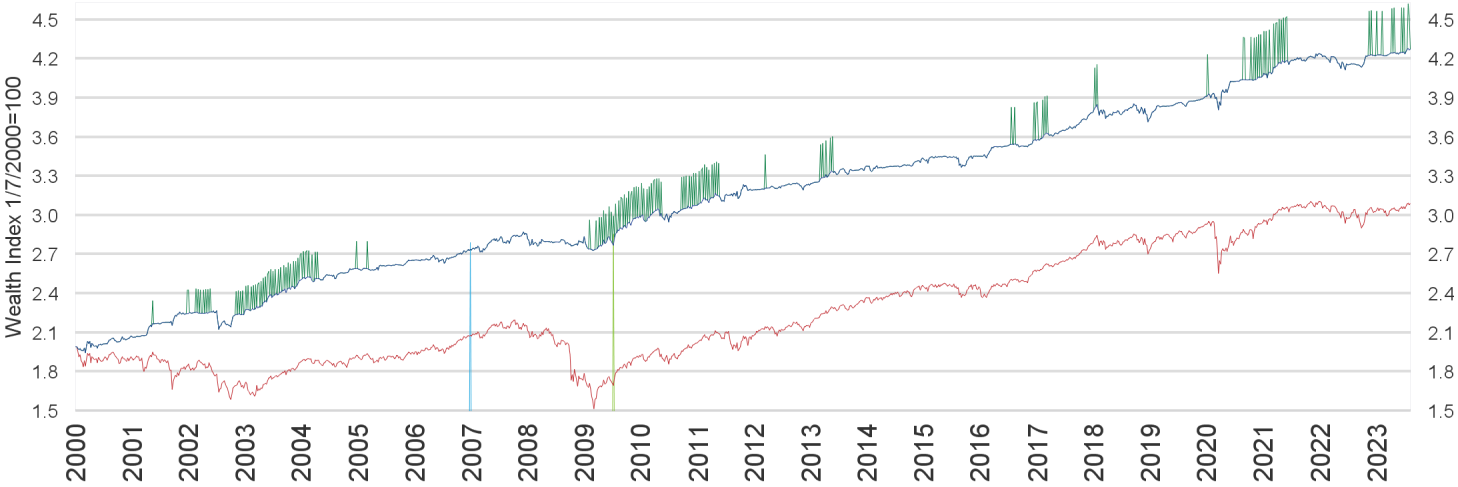
> 0.58

DJIA x2 => RAS (10y Treas x2, 2y Treas) USD (s483) - 1/7/2000 thru 8/11/2023

Wealth Indices on Log Scale

Traded Exceptional Macro MRI - 8/11/2023: Yes Default Weights Avg End In-sample (12/29/2006)

Initial Sleeve Design (7/10/2009)



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	21%	49%	-2%	86%	21%	16%	21%	31%	-4%	41%	23%	31%	9%	40%	13%	5%	32%	63%	-10%	49%	45%	47%	-3%	13%
Default Wts*	-17%	-14%	-33%	61%	11%	2%	40%	18%	-57%	35%	27%	13%	17%	69%	21%	-2%	34%	63%	-12%	60%	4%	44%	-17%	16%
Excess	37%	63%	31%	26%	11%	13%	-19%	13%	53%	6%	-4%	18%	-8%	-29%	-8%	7%	-2%	-0%	2%	-11%	41%	3%	13%	-3%
Cumulative Ex	37%	108%	128%	251%	312%	373%	436%	588%	638%	903%	1110%	1477%	1595%	2191%	2460%	2607%	3433%	5605%	5044%	7437%	?	?	?	?

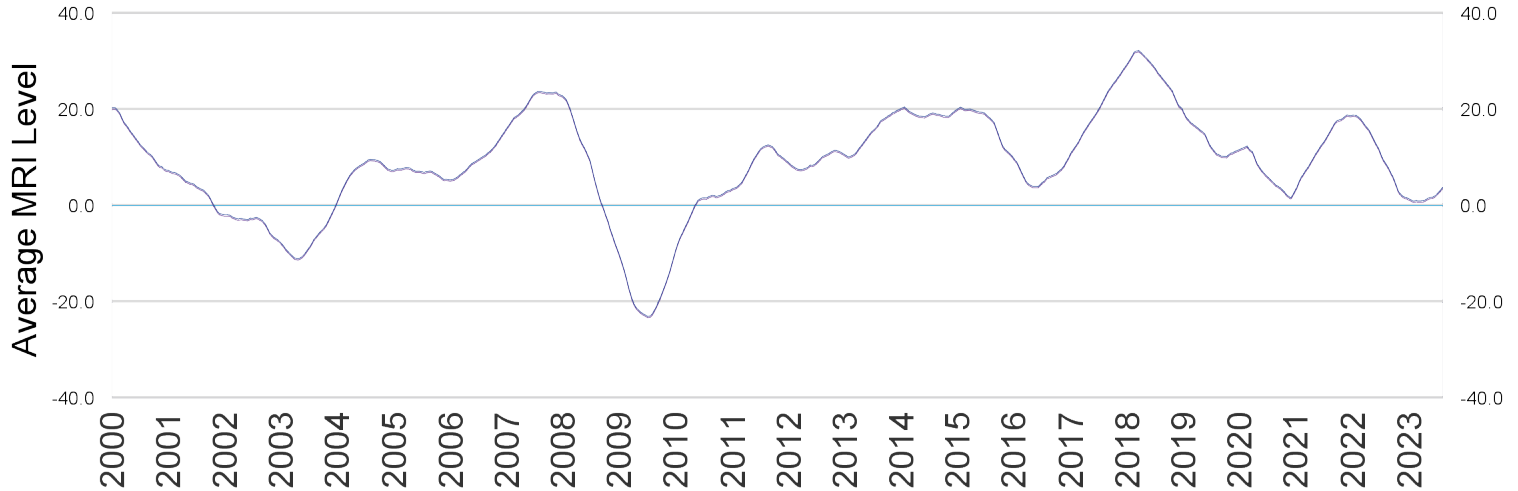
* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

Neutral		8/11/2023				
100.0%	100.0%	DDM ProShares Ultra Dow30 DJIA x2			Avg Begin In-Sample	
0.0%	0.0%	RAS:s375 US2y,10y2x UST-SHY			Weekly Monthly Signal Ratio	
100.0%					Avg # Trade Events/Yr	
					1919	
					100 0	
					18.2	

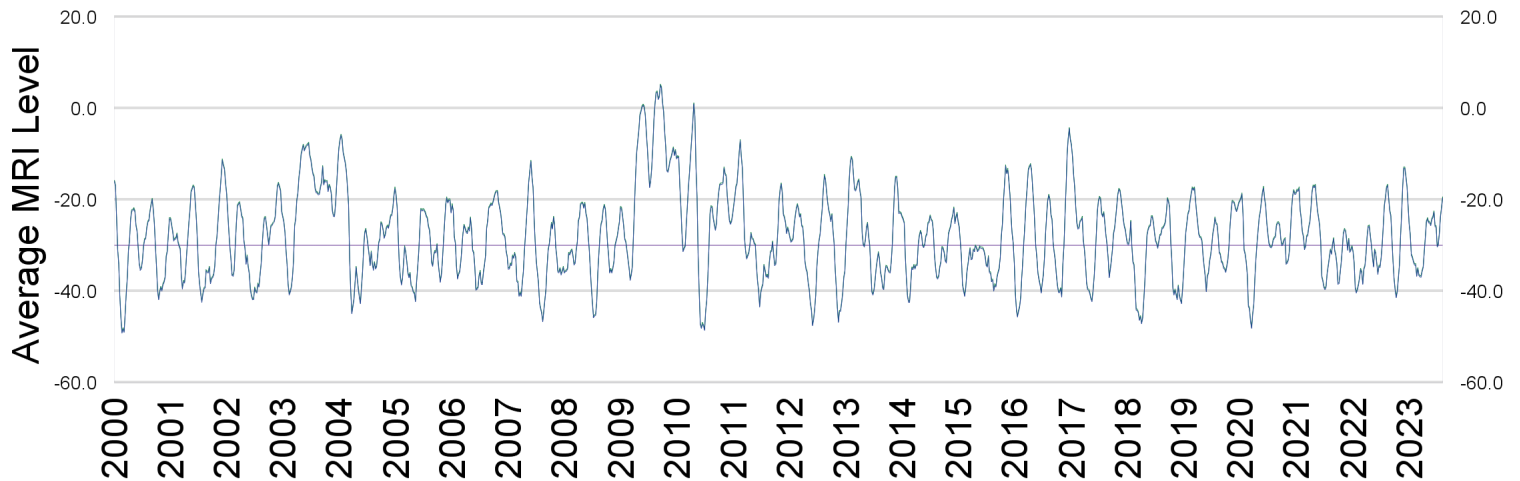
DJIA x2 => RAS (10y Treas x2, 2y Treas)

■ Average Macro MRI - Currently at Pct'L: 34



DJIA x2 => RAS (10y Treas x2, 2y Treas)

■ Average Micro MRI - Currently at Pct'L: 74.9



9. NDX x2 => RAS (10y Treas x2, 2y Treas) (s470) USD

C. ETF Sleeve Groups (A. Risk+ B. RAS): QLD-UST-SHY

9

Return Objective: RoR/SD higher than Default +0.30

Design Notes:

Simulated Performance (To Date)

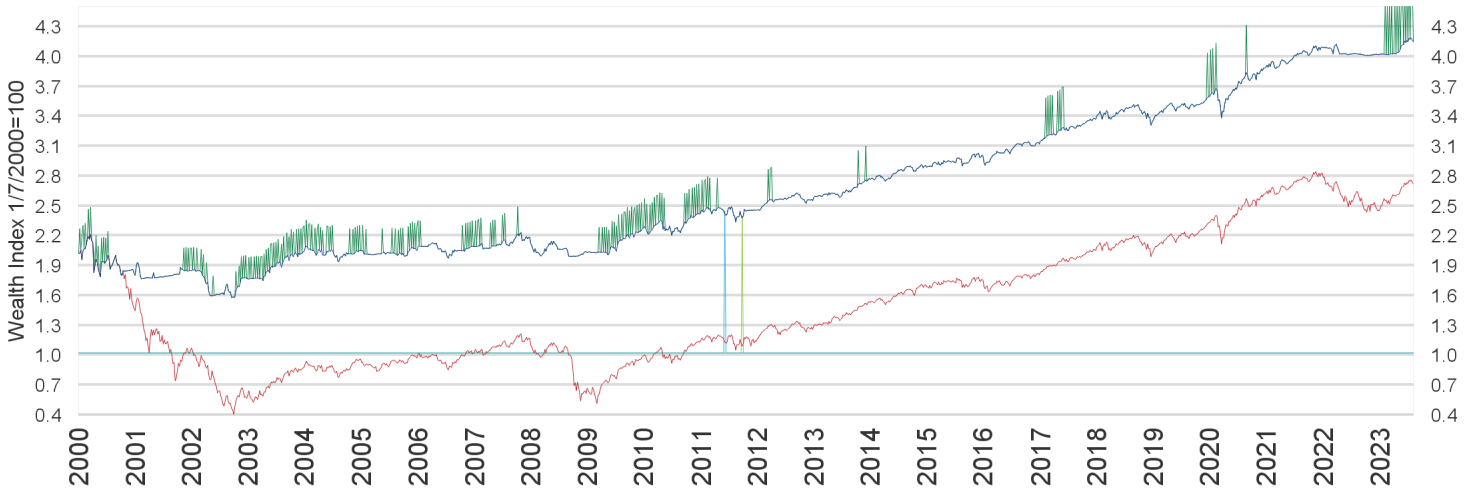
Design Date 9/30/2011- 7/28/2023 Annualized				Avg End In-Sample 6/3/2011- 7/28/2023 Annualized				1/7/2000 to 8/11/2023 1/7/2000- 8/11/2023 Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	42.2%	31.6%	1.34	Traded	39.0%	32.6%	1.20	Traded	23.5%	37.9%	0.62
Default*	38.4%	37.7%	1.02	Default*	35.4%	38.4%	0.92	Default*	7.5%	50.2%	0.15
Excess	3.8%	20.6%	0.19	Excess	3.6%	20.4%	0.18	Excess	16.0%	33.6%	0.48

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

NDX x2 => RAS (10y Treas x2, 2y Treas) USD (s470) - 1/7/2000 thru 8/11/2023 Wealth Indices on Log Scale

■ Traded
 ■ Exceptional Macro MRI - 8/11/2023: Yes
 ■ Default Weights
 ■ Avg End In-Sample (6/10/2011)
 ■ Design Date (9/30/2011)



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	-36%	5%	-16%	89%	1%	-0%	10%	24%	-29%	75%	39%	10%	23%	68%	31%	29%	33%	75%	-6%	80%	100%	58%	-16%	48%
Default Wts*	-72%	-63%	-66%	106%	20%	2%	12%	41%	-68%	108%	39%	2%	32%	91%	41%	17%	12%	75%	-6%	102%	100%	58%	-58%	105%
Excess	36%	68%	50%	-17%	-19%	-2%	-2%	-17%	39%	-33%	0%	8%	-8%	-23%	-11%	12%	21%	0%	-0%	-22%	0%	0%	42%	-57%
Cumulative Ex	36%	57%	53%	99%	98%	97%	107%	131%	98%	170%	236%	261%	320%	533%	692%	900%	1207%	2112%	1984%	3546%	7076%	?	9666%	?

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

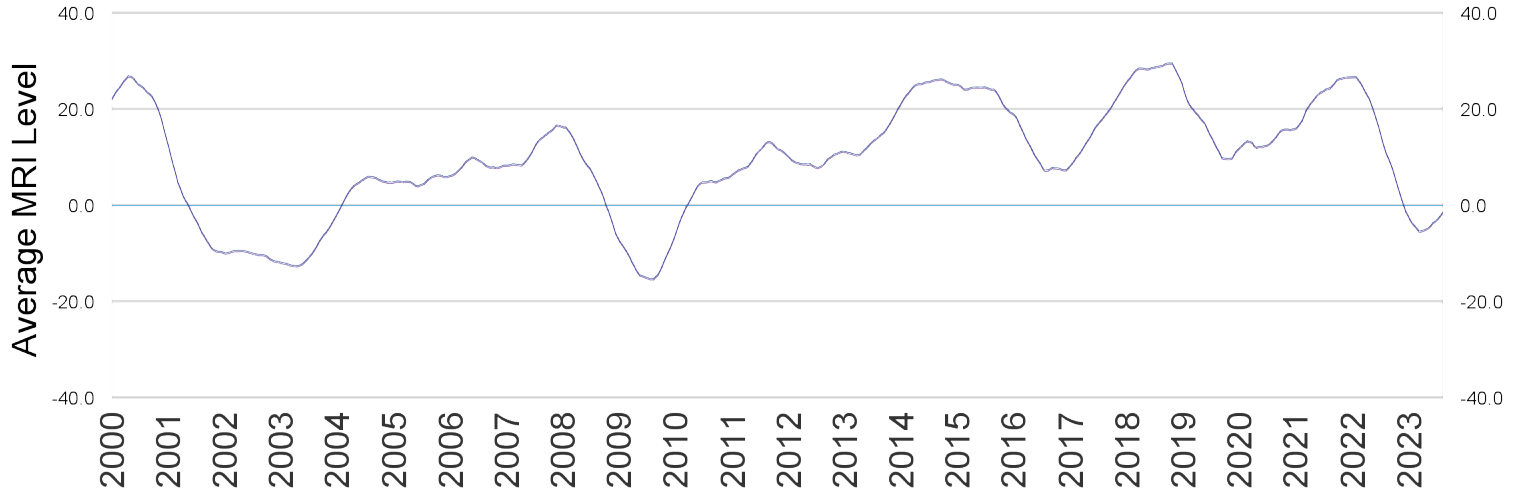
Neutral	8/11/2023	
100.0%	100.0%	QLD ProShares Ultra QQQ NASDAQ x2
0.0%	0.0%	RAS:s375 US2y,10y2x UST-SHY
100.0%		

Avg Begin In-Sample	1972
Weekly Monthly Signal Ratio	100 0
Avg # Trade Events/Yr	6.7

9

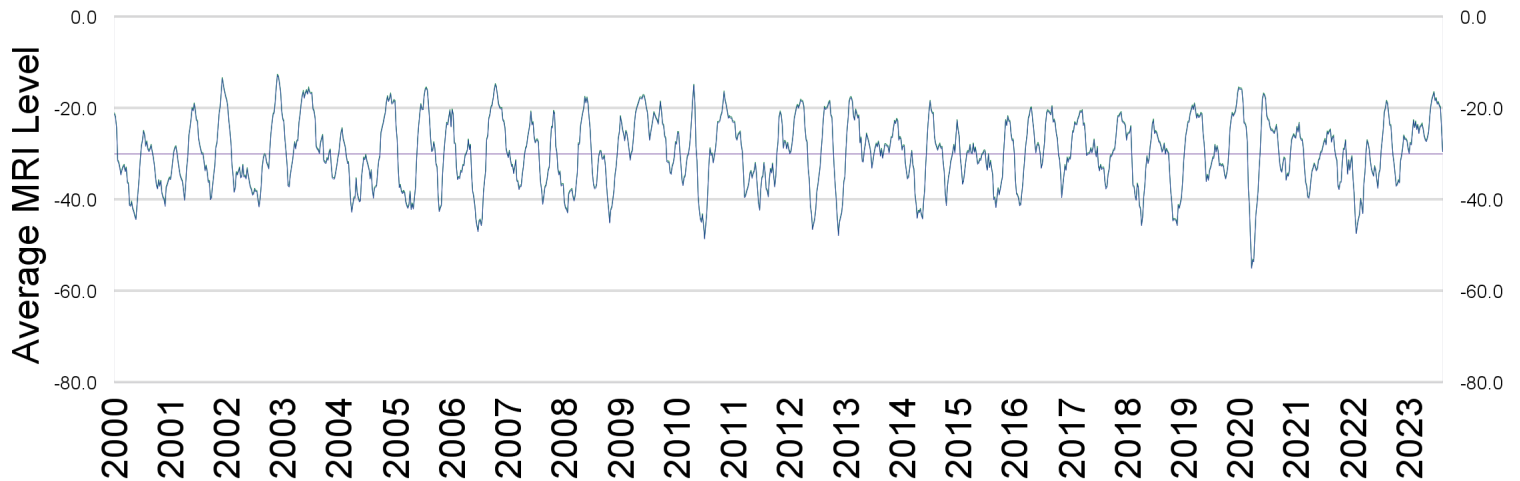
NDX x2 => RAS (10y Treas x2, 2y Treas)

■ Average Macro MRI - Currently at Pct'L: 8.6



NDX x2 => RAS (10y Treas x2, 2y Treas)

■ Average Micro MRI - Currently at Pct'L: 81.5



10. Onyx - Sectors for Low Rate Environment (s200) USD

10

C. ETF Sleeve Groups (A. Risk+ B. RAS): XLP-XLU-UST-SHY

Return Objective: High RoR/SD

Design Notes: This is a fund designed for assets thrown off from riskier sleeves of a fund. This sleeve invests in 1-2y US bonds (ETF SHY), 7-10y US bonds (ETF IEF), SP500 Utilities Sector (ETF XLU), and SP500 Consumer Staples Sector (ETF XLP). It uses only monthly signals.

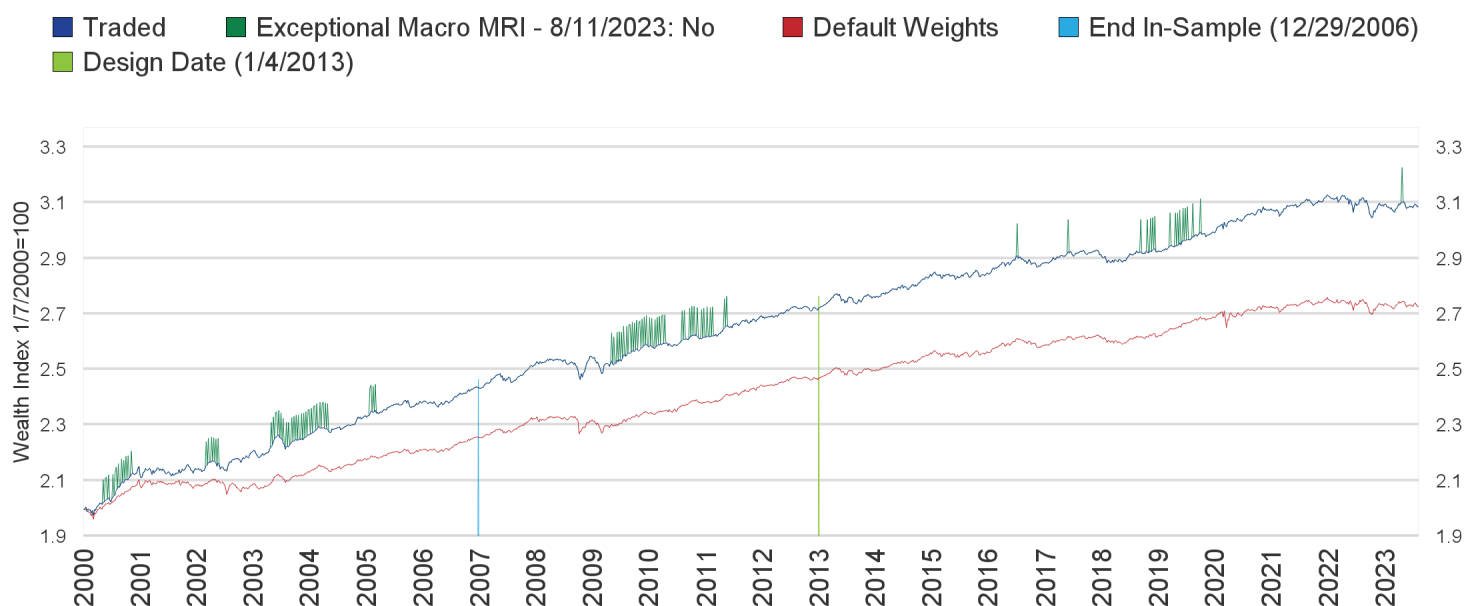
Simulated Performance (To Date)

Design Date 1/4/2013- 7/28/2023 Annualized				End In-Sample 12/29/2006- 7/28/2023 Annualized				1/7/2000 to 8/11/2023 Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	8.4%	9.8%	0.86	Traded	9.5%	9.6%	0.99	Traded	11.3%	9.8%	1.15
Default*	5.9%	8.4%	0.71	Default*	6.9%	8.1%	0.85	Default*	7.5%	8.0%	0.93
Excess	2.5%	4.5%	0.55	Excess	2.7%	5.2%	0.51	Excess	3.8%	5.2%	0.74

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

Onyx - Sectors for Low Rate Environment USD (s200) - 1/7/2000 thru 8/11/2023 Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	43%	-2%	14%	16%	17%	11%	14%	20%	6%	10%	8%	20%	4%	12%	19%	2%	9%	8%	2%	18%	21%	13%	-9%	1%
Default Wts*	28%	-4%	-0%	11%	12%	7%	12%	17%	-1%	5%	10%	16%	4%	8%	15%	1%	6%	7%	-0%	18%	9%	7%	-6%	1%
Excess	16%	2%	14%	4%	5%	4%	2%	3%	7%	4%	-1%	4%	-0%	4%	4%	1%	3%	0%	2%	0%	12%	5%	-3%	0%
Cumulative Ex	16%	18%	38%	49%	65%	79%	93%	118%	142%	164%	174%	218%	228%	267%	329%	339%	381%	411%	427%	504%	668%	782%	695%	702%

* Buy and Hold at Neutral Weights

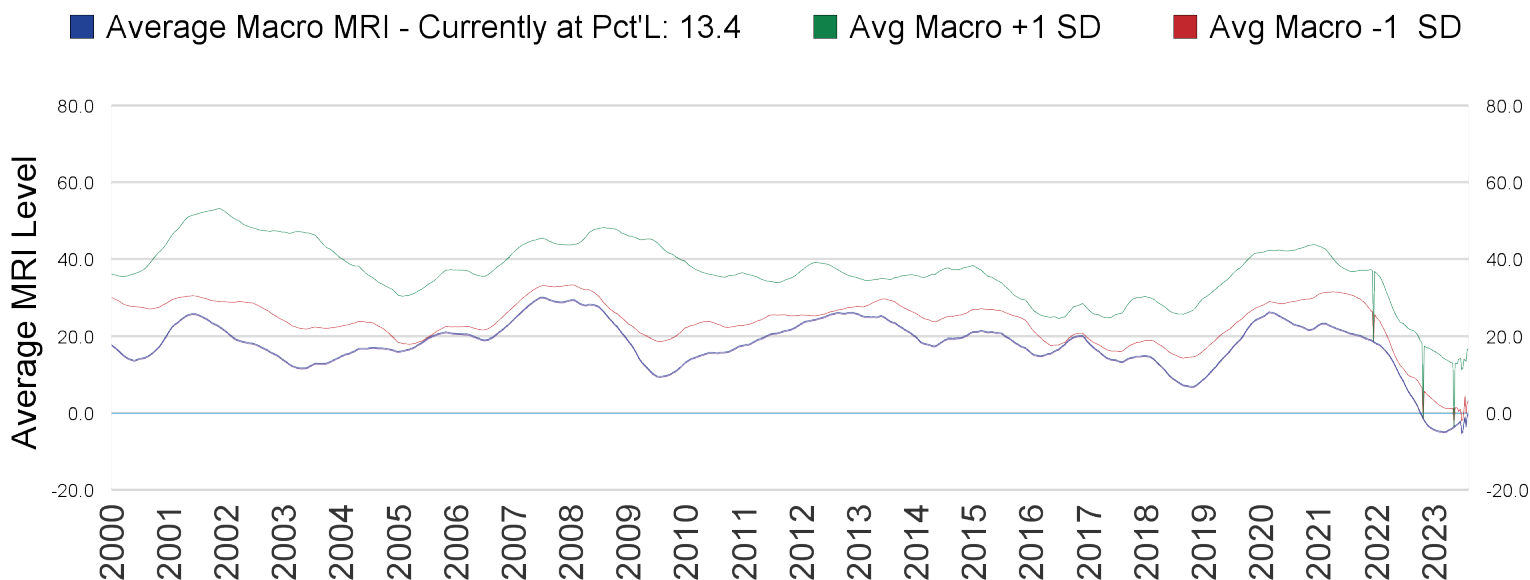
Weights and Investment Vehicles

Neutral	8/11/2023	
25.0%	26.8%	XLU Utilities Select Sector SPDR F S&P Utilities
25.0%	53.6%	XLP Consumer Staples Select Sector S&P Consumer
25.0%	16.5%	UST ProShares Ultra 7-10 Year Trea US 10y Treasury
25.0%	3.1%	SHY *Optional* iShares 1-3 Year Treasury Bond
100.0%		

Avg Begin In-Sample	1984
Weekly Monthly Signal Ratio	0 100
Avg # Trade Events/Yr	29.4

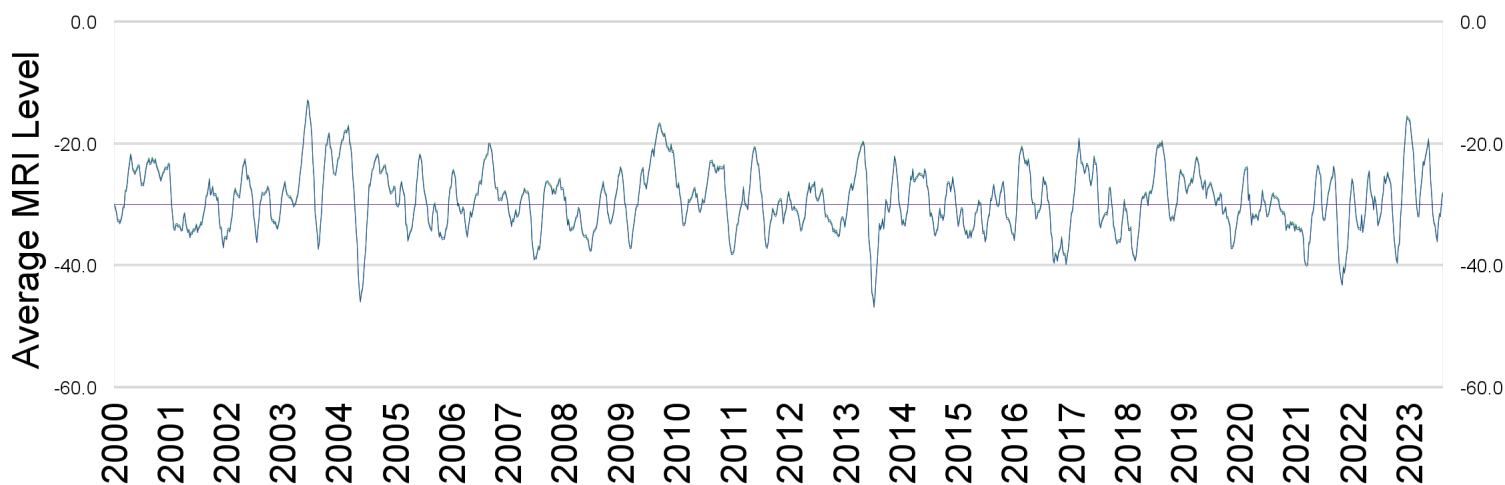
10

Onyx - Sectors for Low Rate Environment



Onyx - Sectors for Low Rate Environment

■ Average Micro MRI - Currently at Pct'L: 47.2



11. ConsS vs Healthcare w/Loss Avoidance (s117) USD

11

C. ETF Sleeve Groups (A. Risk+ B. RAS): XLP-XLV-UST-SHY

Return Objective: High RoR/SD

Design Notes:

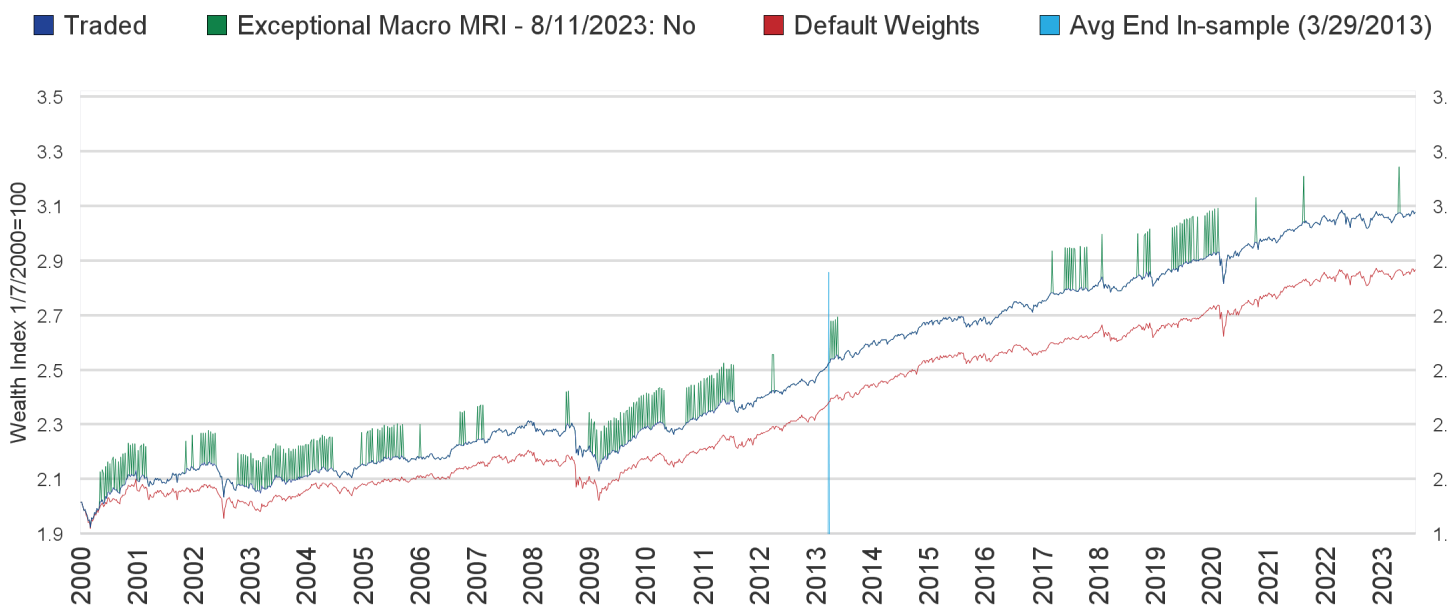
Simulated Performance (To Date)

7/14/2017- 7/28/2023 Annualized				Avg End In-sample 3/29/2013- 7/28/2023 Annualized				1/7/2000 to 8/11/2023 Annualized			
Traded	RoR	SD	RoR/SD	Traded	RoR	SD	RoR/SD	Traded	RoR	SD	RoR/SD
Traded	11.6%	16.7%	0.69	Traded	13.1%	14.7%	0.89	Traded	10.9%	14.8%	0.74
Default*	10.1%	16.3%	0.62	Default*	11.4%	14.2%	0.81	Default*	8.7%	14.6%	0.59
Excess	1.5%	3.8%	0.39	Excess	1.7%	3.8%	0.45	Excess	2.3%	3.9%	0.58

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

ConsS vs Healthcare w/Loss Avoidance USD (s117) - 1/7/2000 thru 8/11/2023 Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	31%	3%	-17%	11%	10%	5%	15%	18%	-18%	16%	11%	17%	13%	40%	18%	6%	13%	15%	2%	28%	14%	21%	0%	3%
Default Wts*	22%	-8%	-13%	15%	5%	5%	11%	12%	-18%	15%	8%	13%	13%	35%	21%	7%	2%	18%	-2%	26%	12%	21%	1%	2%
Excess	9%	11%	-3%	-3%	5%	-0%	4%	6%	0%	0%	2%	3%	0%	5%	-3%	-1%	11%	-2%	4%	2%	3%	1%	-0%	1%
Cumulative Ex	9%	23%	15%	14%	21%	22%	31%	45%	37%	43%	51%	65%	73%	111%	123%	126%	182%	201%	222%	294%	350%	430%	427%	450%

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

Neutral	8/11/2023	
50.0%	100.0%	XLP Consumer Staples Select Sector S&P Consumer
50.0%	0.0%	XLV Consumer Healthcare Sector S&P Healthcare
100.0%		

Avg Begin In-Sample	1989
Weekly Monthly Signal Ratio	100 0
Avg # Trade Events/Yr	35.5

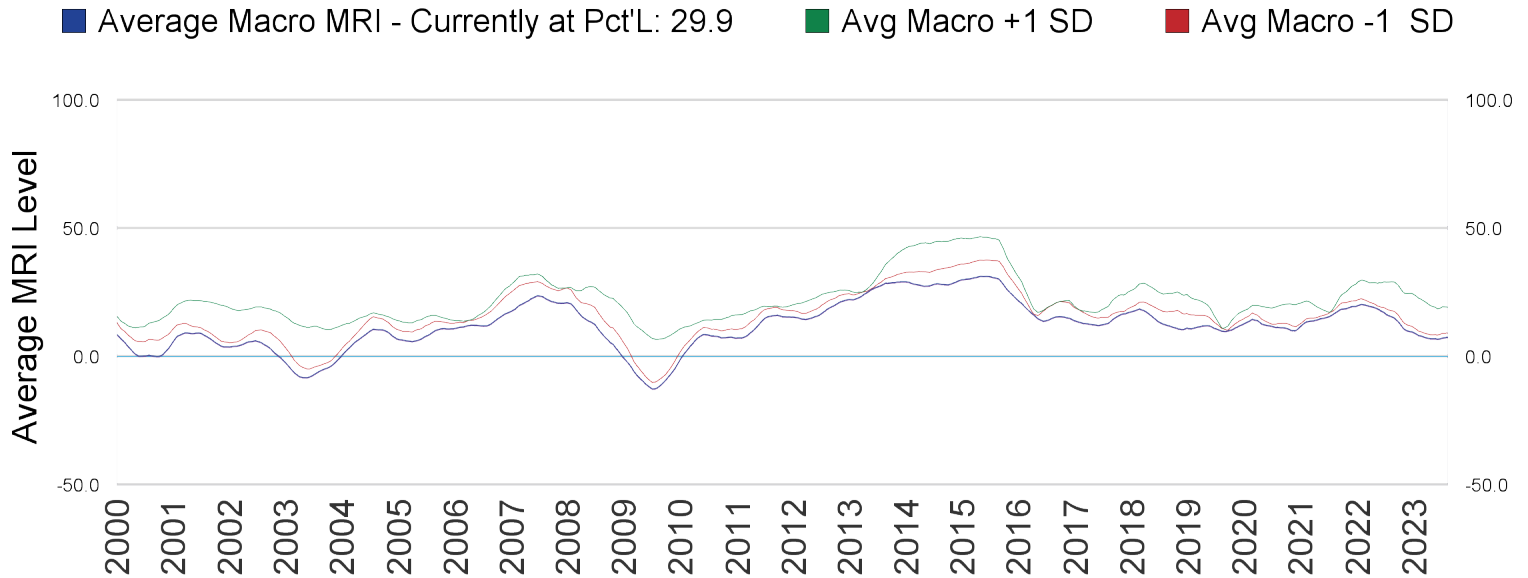
Source: CPM Investing LLC. Data using prices in USD, except as noted, sourced from Bloomberg, LLC. Backtested / hypothetical results do not indicate actual or future returns. Current decision rules and parameters are used to simulate historical performance and portfolio statistics.

If and when the rules and parameters are revised, those revisions may affect previously reported simulated historical performance and portfolio characteristics.

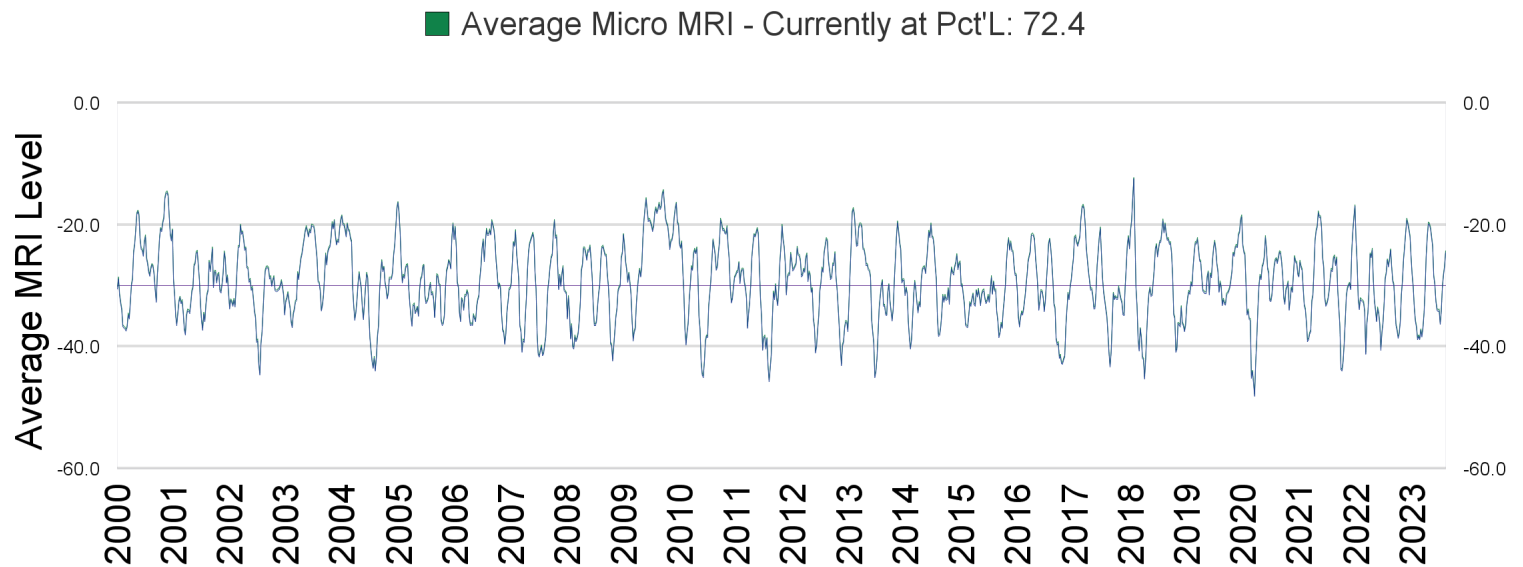
Focused 15 Investing and Market Resilience Index are registered trademarks of CPM Investing, LLC

Copyright © 2014-2023 CPM Investing, LLC. All Rights Reserved

ConsS vs Healthcare w/Loss Avoidance



ConsS vs Healthcare w/Loss Avoidance



12. MSCI Sector Group Rotation (s191) USD

12

D. Index Signal Sleeves: Cyclical-Defensive-Resources

Return Objective: High Information Ratio

Design Notes: Designed in May 2013, this sleeve is intended to outperform an equal weighted mix of three sector-group Bloomberg CIXs. The MSCI North America sector series begin 1995-1998. The three CIXs. a) RES: ENRS, MATR. b) CYC: INFT, INDU, FINL. c) DEF: TEL, HC, CONS.

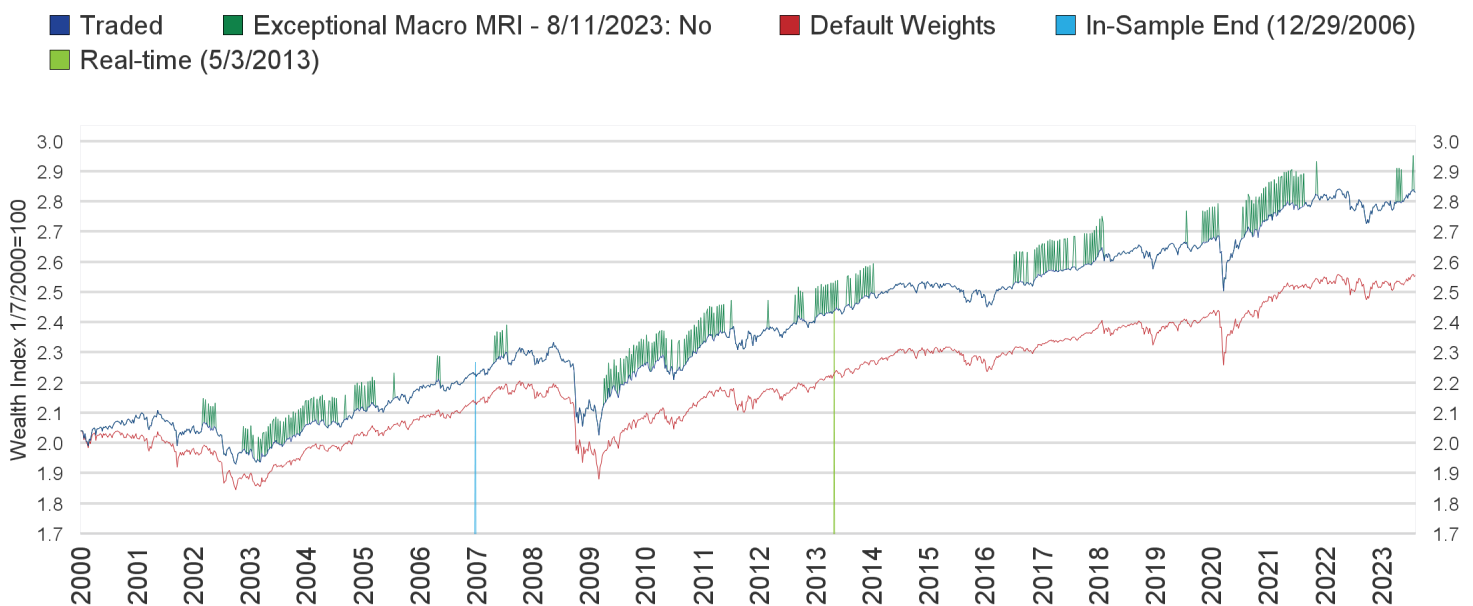
Simulated Performance (To Date)

Real-time 5/3/2013- 7/28/2023 Annualized				In-Sample End 12/29/2006- 7/28/2023 Annualized				1/7/2000 to 8/11/2023 Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	9.4%	17.1%	0.55	Traded	8.8%	19.5%	0.45	Traded	8.1%	18.3%	0.44
Default*	7.7%	16.3%	0.47	Default*	6.0%	18.5%	0.33	Default*	5.2%	17.5%	0.30
Excess	1.7%	3.3%	0.52	Excess	2.8%	3.9%	0.72	Excess	2.9%	3.8%	0.76

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

MSCI Sector Group Rotation USD (s191) - 1/7/2000 thru 8/11/2023 Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	13%	-9%	-19%	26%	14%	13%	14%	19%	-31%	30%	17%	6%	10%	26%	7%	-9%	16%	16%	-6%	22%	16%	21%	-12%	17%
Default Wts*	-2%	-11%	-21%	26%	13%	9%	16%	14%	-35%	21%	15%	-0%	8%	24%	8%	-7%	12%	14%	-10%	25%	10%	20%	-8%	11%
Excess	15%	2%	2%	0%	1%	4%	-2%	5%	4%	10%	2%	6%	3%	2%	-0%	-2%	4%	2%	4%	-3%	6%	1%	-4%	7%
Cumulative Ex	15%	16%	14%	18%	21%	28%	30%	42%	35%	54%	66%	78%	89%	116%	124%	109%	133%	158%	157%	187%	231%	284%	238%	300%

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

Neutral	8/11/2023	
33.0%	33.0%	RES
33.0%	63.0%	CYC
34.0%	4.0%	DEF
100.0%		

Avg Begin In-Sample	1994
Weekly Monthly Signal Ratio	100 0
Avg # Trade Events/Yr	14.9

Source: CPM Investing LLC. Data using prices in USD, except as noted, sourced from Bloomberg, LLC. Backtested / hypothetical results do not indicate actual or future returns. Current decision rules and parameters are used to simulate historical performance and portfolio statistics.

If and when the rules and parameters are revised, those revisions may affect previously reported simulated historical performance and portfolio characteristics.

Focused 15 Investing and Market Resilience Index are registered trademarks of CPM Investing, LLC

Copyright © 2014-2023 CPM Investing, LLC. All Rights Reserved

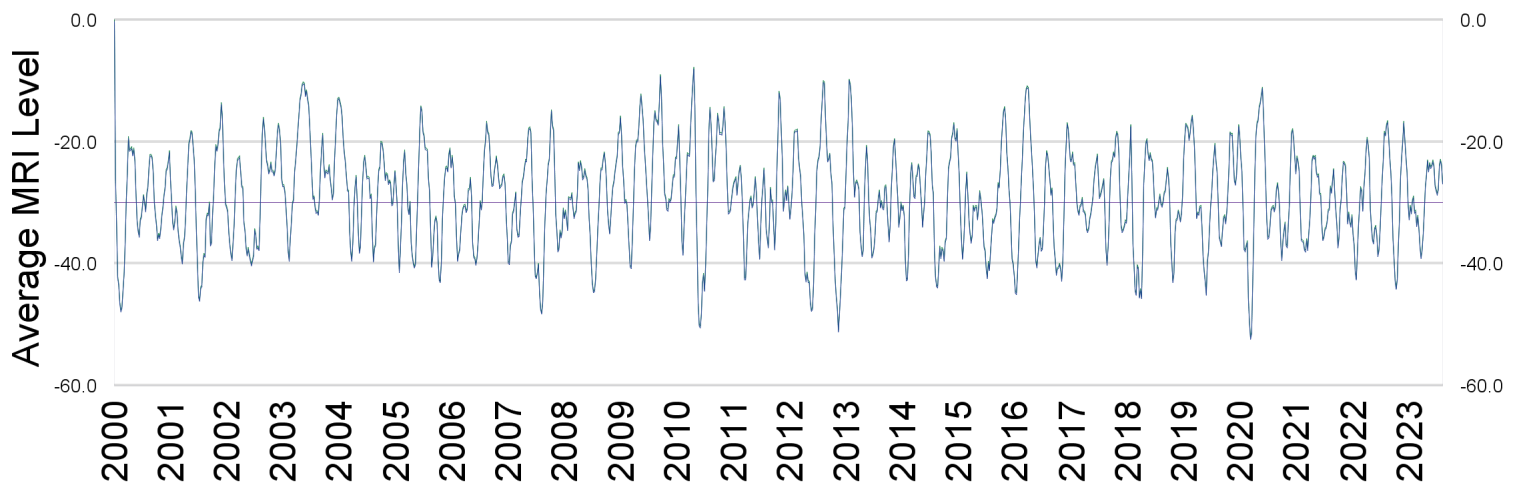
MSCI Sector Group Rotation

■ Average Macro MRI - Currently at Pct'L: 35.5 ■ Avg Macro +1 SD ■ Avg Macro -1 SD



MSCI Sector Group Rotation

■ Average Micro MRI - Currently at Pct'L: 56.7



D. Index Signal Sleeves: TOPIX-Cash

Return Objective: RoR/SD higher than Default +0.30

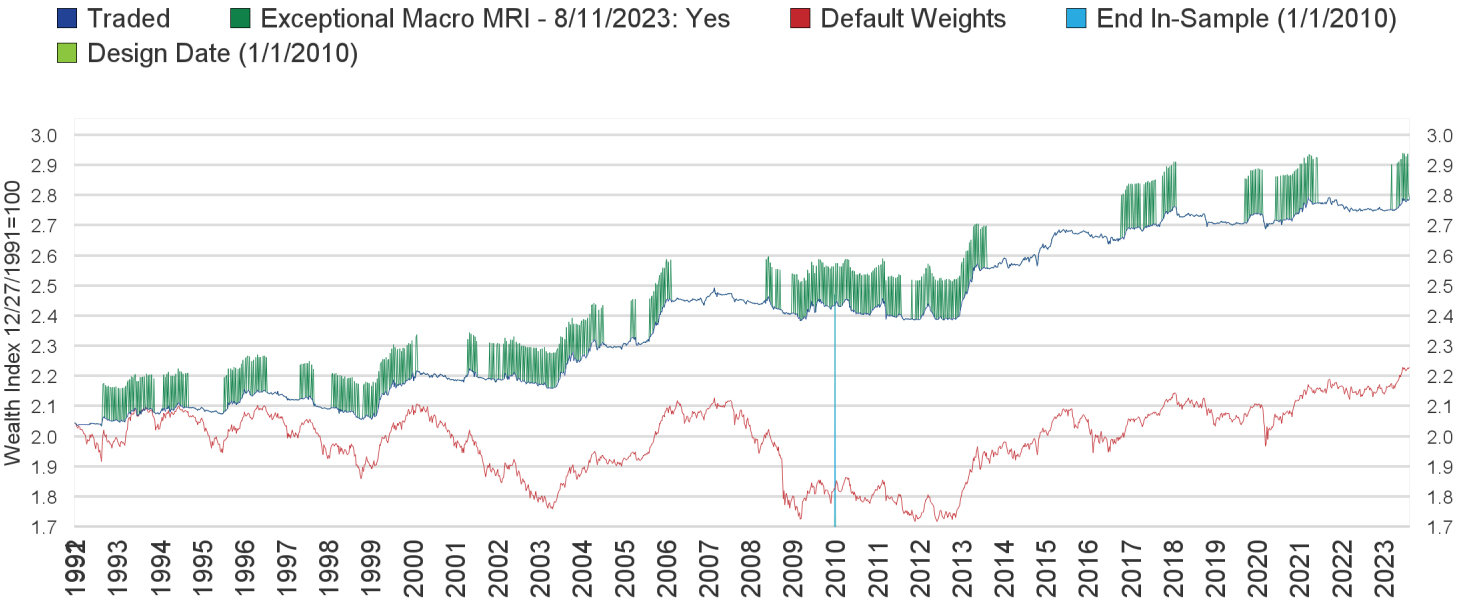
Design Notes:

Simulated Performance (To Date)

Design Date				End In-Sample				12/27/1991 to 8/11/2023			
1/1/2010- 7/28/2023				1/1/2010- 7/28/2023				12/27/1991- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	6.1%	9.7%	0.63	Traded	6.1%	9.7%	0.63	Traded	5.5%	9.6%	0.58
Default*	7.0%	18.7%	0.38	Default*	7.0%	18.7%	0.38	Default*	1.3%	19.4%	0.07
Excess	-0.9%	11.9%	-0.08	Excess	-0.9%	11.9%	-0.08	Excess	4.2%	13.1%	0.32

* Buy and Hold at Neutral Weights

Japan Equity Loss Avoidance JPY (s176) - 12/27/1991 thru 8/11/2023
Wealth Indices on Log Scale



Simulated Performance (JPY) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	0%	0%	-3%	22%	12%	37%	4%	-4%	-8%	6%	-1%	-9%	11%	43%	10%	12%	2%	15%	-10%	8%	1%	6%	-4%	9%
Default Wts*	-20%	-20%	-18%	23%	10%	44%	2%	-12%	-42%	6%	-1%	-19%	18%	50%	9%	10%	-2%	20%	-18%	16%	4%	10%	-5%	21%
Excess	20%	20%	15%	-0%	1%	-7%	3%	8%	34%	0%	-0%	10%	-7%	-7%	1%	2%	4%	-4%	8%	-8%	-3%	-5%	1%	-12%
Cumulative Ex	20%	36%	44%	54%	61%	79%	85%	90%	114%	121%	119%	114%	123%	172%	189%	214%	223%	253%	238%	250%	250%	259%	249%	256%

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

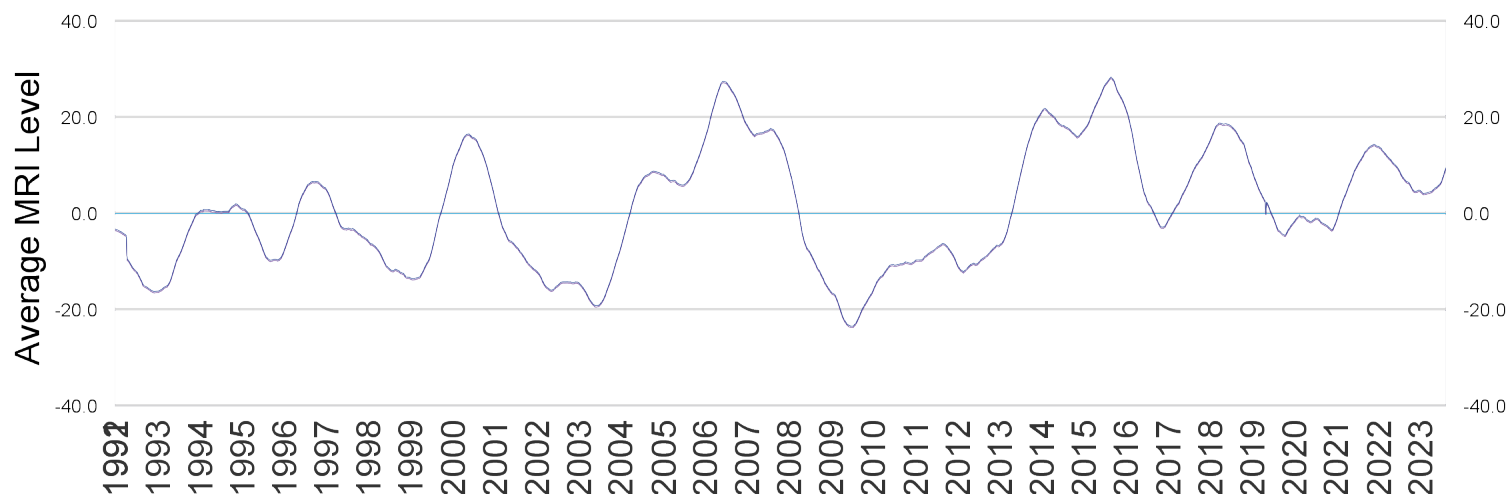
Neutral 8/11/2023

Agri | |
WCOM | |
EM Linker | |

Avg Begin In-Sample 1984
Weekly|Monthly Signal Ratio 25 | 75
Avg # Trade Events/Yr 10.4

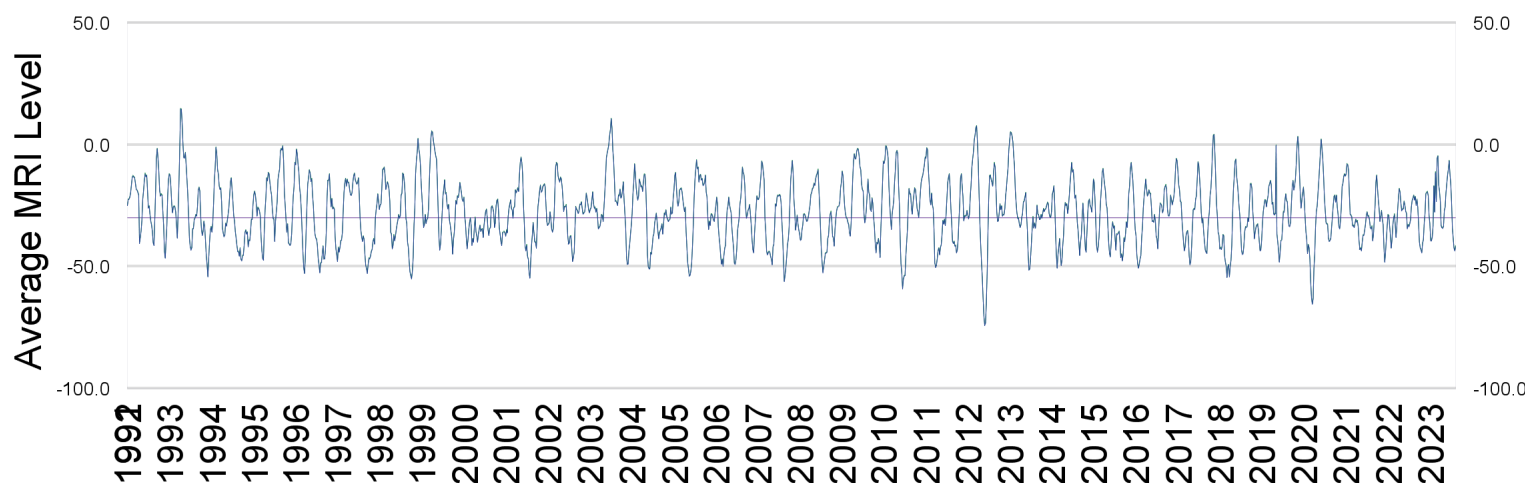
Japan Equity Loss Avoidance

■ Average Macro MRI - Currently at Pct'L: 0



Japan Equity Loss Avoidance

■ Average Micro MRI - Currently at Pct'L: 0



D. Index Signal Sleeves: GILB-WGBI

Return Objective: RoR/SD higher than Default +0.30

Design Notes: Monthly signals making absolute return focused bets based on a CIX "GILB/WGBI."

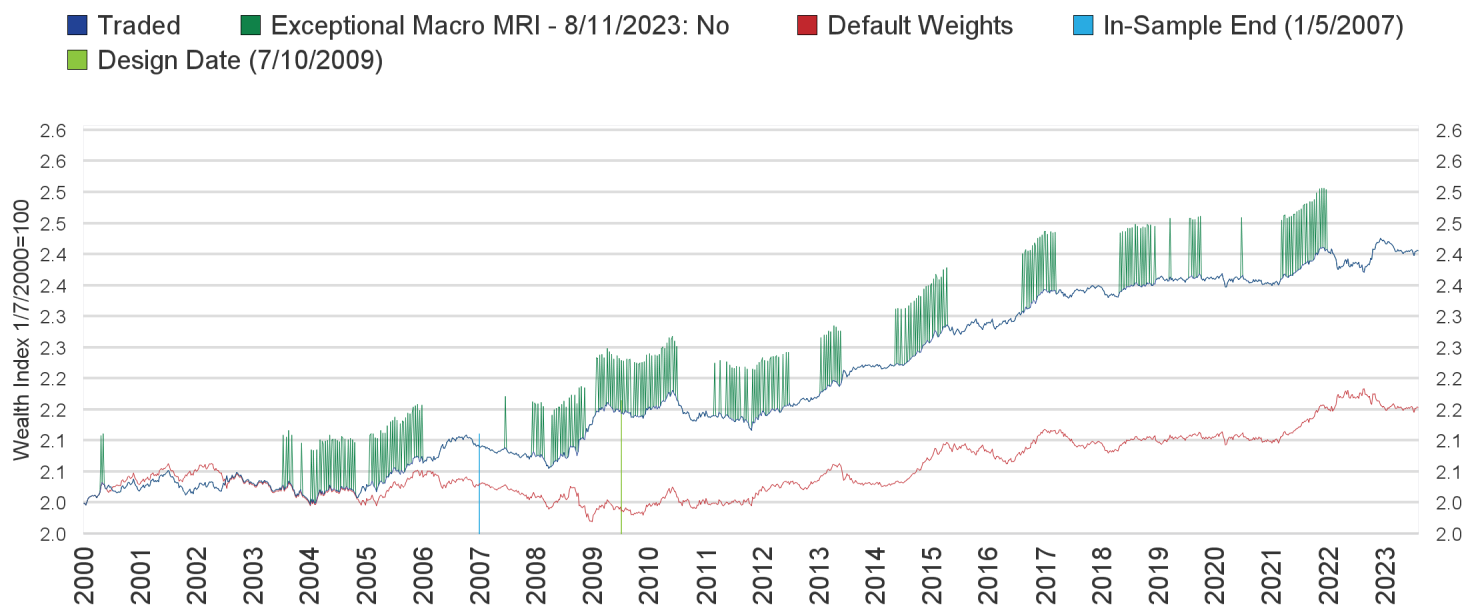
Simulated Performance (To Date)

Design Date 7/10/2009- 7/28/2023 Annualized				In-Sample End 1/5/2007- 7/28/2023 Annualized				1/7/2000 to 8/11/2023 Annualized			
Traded	RoR	SD	RoR/SD	Traded	RoR	SD	RoR/SD	Traded	RoR	SD	RoR/SD
Traded	4.4%	5.5%	0.79	Traded	4.5%	5.7%	0.78	Traded	4.0%	5.8%	0.70
Default*	2.7%	5.6%	0.49	Default*	1.7%	5.7%	0.30	Default*	1.5%	5.8%	0.26
Excess	1.6%	5.9%	0.27	Excess	2.8%	6.2%	0.45	Excess	2.5%	5.8%	0.44

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

Inflation Concerns - Absolute Ret Objective USD (s448) - 1/7/2000 thru 8/11/2023 Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	5%	1%	2%	-7%	4%	14%	4%	-3%	12%	6%	-3%	0%	7%	12%	10%	7%	13%	1%	3%	0%	-2%	13%	4%	-4%
Default Wts*	7%	6%	-5%	-7%	-1%	14%	-5%	-4%	-9%	6%	0%	5%	4%	-2%	11%	2%	8%	-5%	0%	1%	-1%	13%	0%	-1%
Excess	-2%	-5%	7%	-0%	5%	0%	10%	0%	21%	-0%	-3%	-4%	3%	13%	-0%	4%	5%	6%	3%	-1%	-1%	0%	3%	-3%
Cumulative Ex	-2%	-7%	1%	1%	5%	6%	17%	17%	41%	43%	38%	34%	40%	59%	65%	74%	89%	98%	104%	103%	100%	113%	122%	112%

* Buy and Hold at Neutral Weights

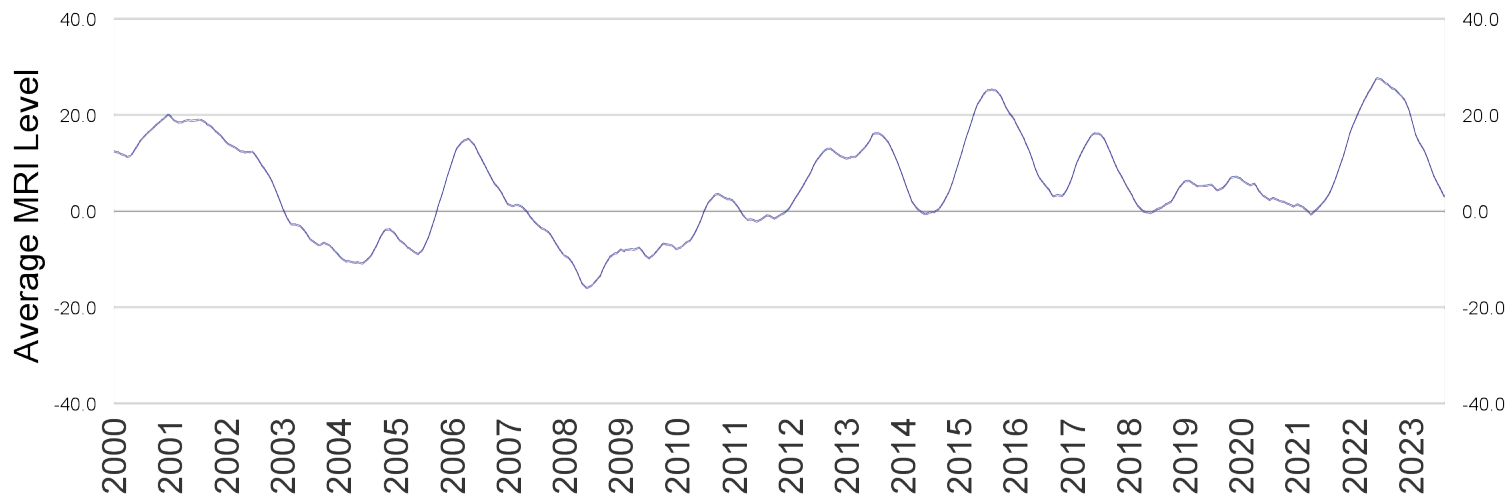
Weights and Investment Vehicles

Neutral	8/11/2023	
100.0%	100.0%	GILB-WGBI - Favor ILB
0.0%	0.0%	GILB-WGBI - Favor Nom
100.0%		

Avg Begin In-Sample	1996
Weekly Monthly Signal Ratio	0 100
Avg # Trade Events/Yr	4.5

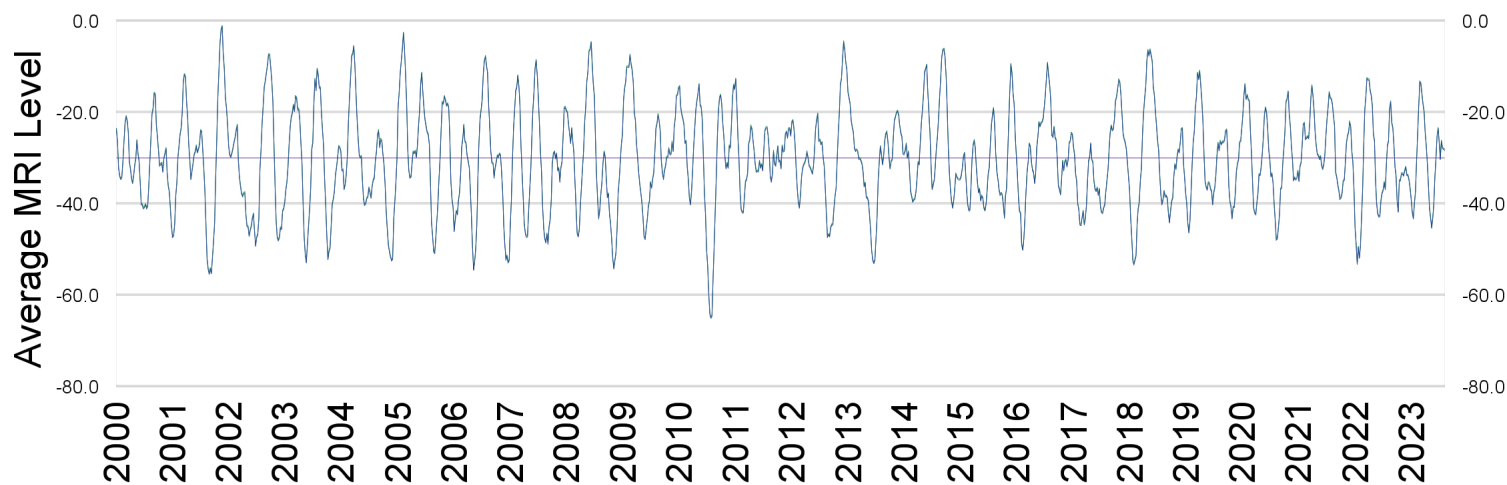
Inflation Concerns - Absolute Ret Objective

Average Macro MRI - Currently at Pct'L: 41.7



Inflation Concerns - Absolute Ret Objective

Average Micro MRI - Currently at Pct'L: 58.1



Return Objective: RoR/SD higher than Default +0.30

Design Notes: Based on an evaluation of a custom index (CIX) of US 10y Treas Yield / 2y Treas Yield.

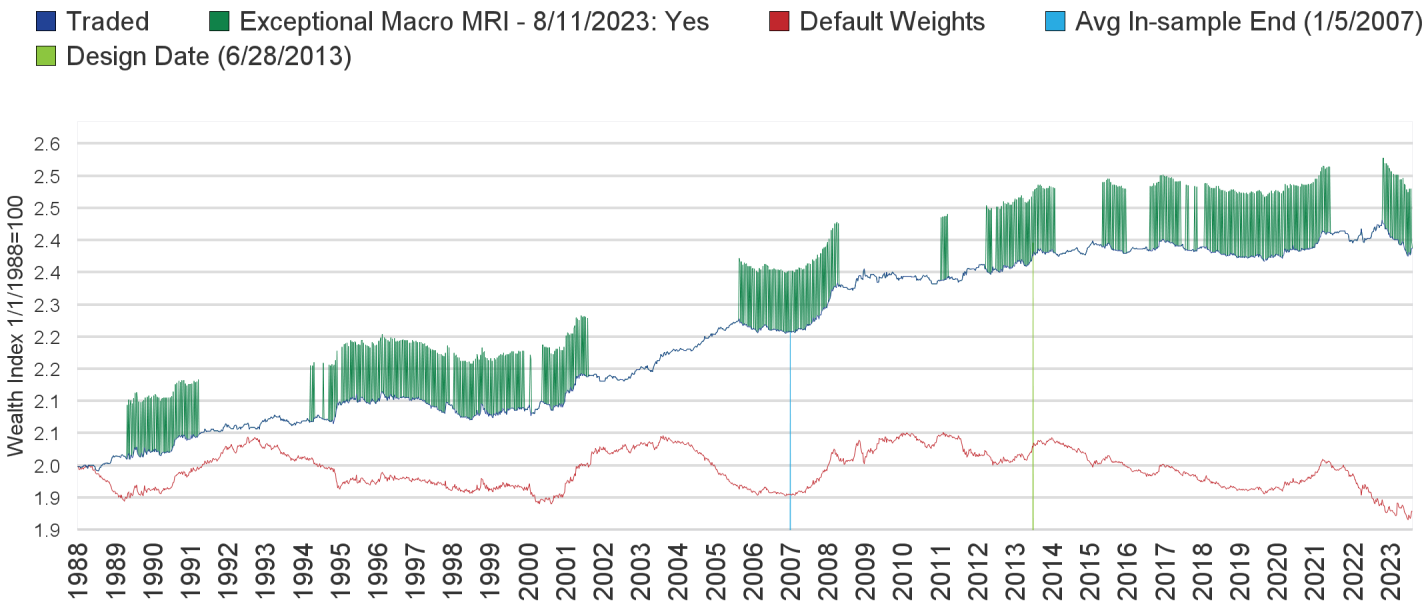
Simulated Performance (To Date)

Design Date				Avg In-sample End				1/1/1988 to 8/11/2023			
6/28/2013- 7/28/2023				1/5/2007- 7/28/2023				1/1/1988- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	0.1%	4.3%	0.03	Traded	2.1%	4.8%	0.43	Traded	2.6%	5.0%	0.52
Default*	-2.9%	5.1%	-0.57	Default*	-0.6%	5.6%	-0.10	Default*	-0.6%	5.7%	-0.11
Excess	3.0%	5.5%	0.55	Excess	2.6%	6.6%	0.40	Excess	3.2%	6.2%	0.52

* Buy and Hold at Neutral Weights

> 0.53

US 10y-2y Yield Spreads (Long/Short) USD (s458) - 1/1/1988 thru 8/11/2023
Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	3%	9%	5%	8%	8%	2%	-1%	11%	15%	-2%	-1%	6%	1%	7%	2%	-3%	5%	-2%	-4%	1%	3%	3%	3%	-8%
Default Wts*	-1%	20%	2%	2%	-10%	-11%	-1%	11%	5%	10%	0%	-8%	-2%	10%	-10%	-2%	0%	-7%	-3%	1%	5%	-0%	-12%	-4%
Excess	4%	-11%	3%	7%	18%	13%	0%	0%	10%	-12%	-1%	14%	2%	-3%	12%	-1%	5%	4%	-1%	-0%	-2%	3%	15%	-4%
Cumulative Ex	4%	-6%	-3%	5%	27%	41%	41%	45%	63%	48%	47%	68%	70%	73%	88%	84%	94%	96%	92%	92%	93%	99%	119%	105%

* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

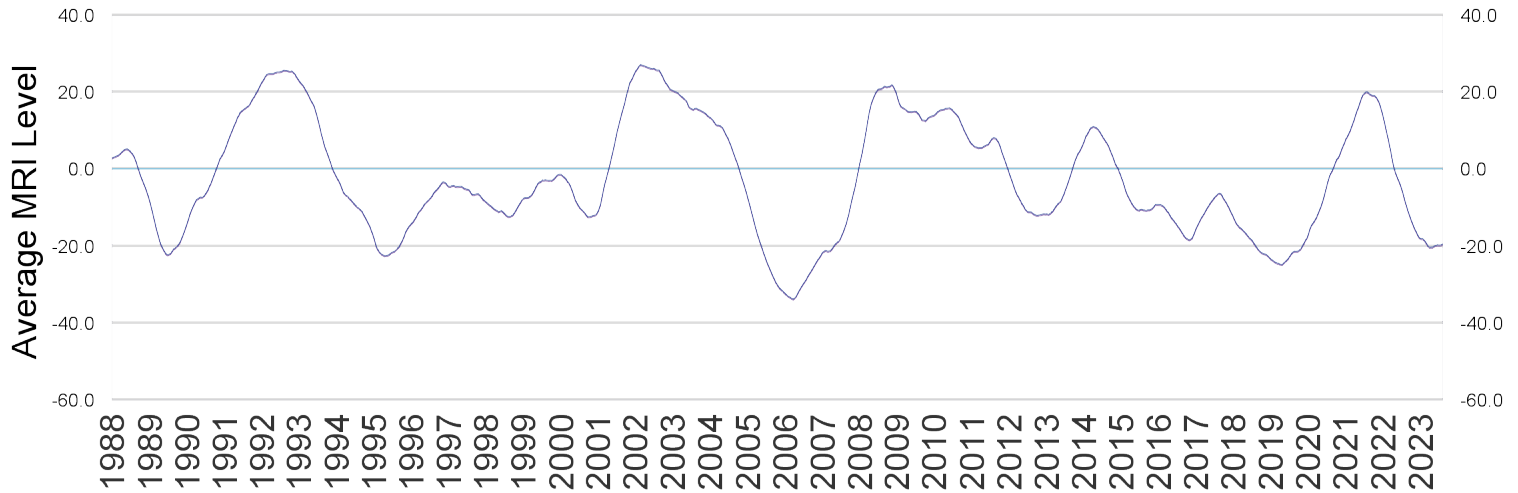
Neutral 8/11/2023

10y Yield US <80
10y Yield US >80

Avg Begin In-Sample 1985
Weekly|Monthly Signal Ratio 100 | 0
Avg # Trade Events/Yr 14.2

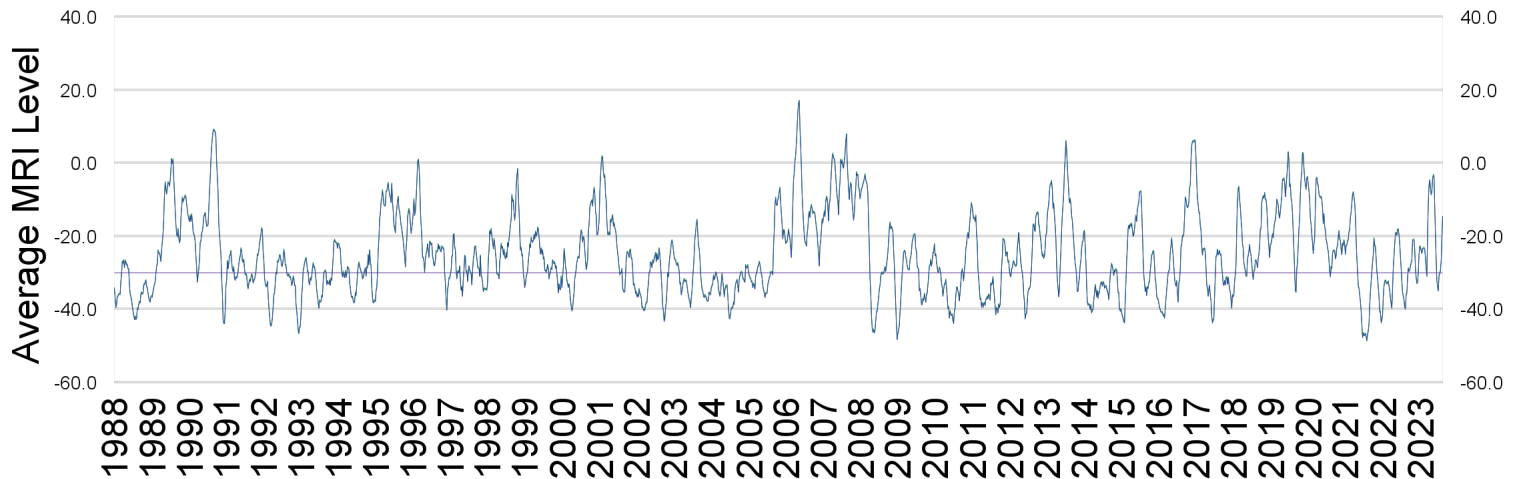
US 10y-2y Yield Spreads (Long/Short)

■ Average Macro MRI - Currently at Pct'L: 0



US 10y-2y Yield Spreads (Long/Short)

■ Average Micro MRI - Currently at Pct'L: 0



16. USD Spot: High=USD Strength (s177) USD
D. Index Signal Sleeves: EUR, JPY, GBP, AUD

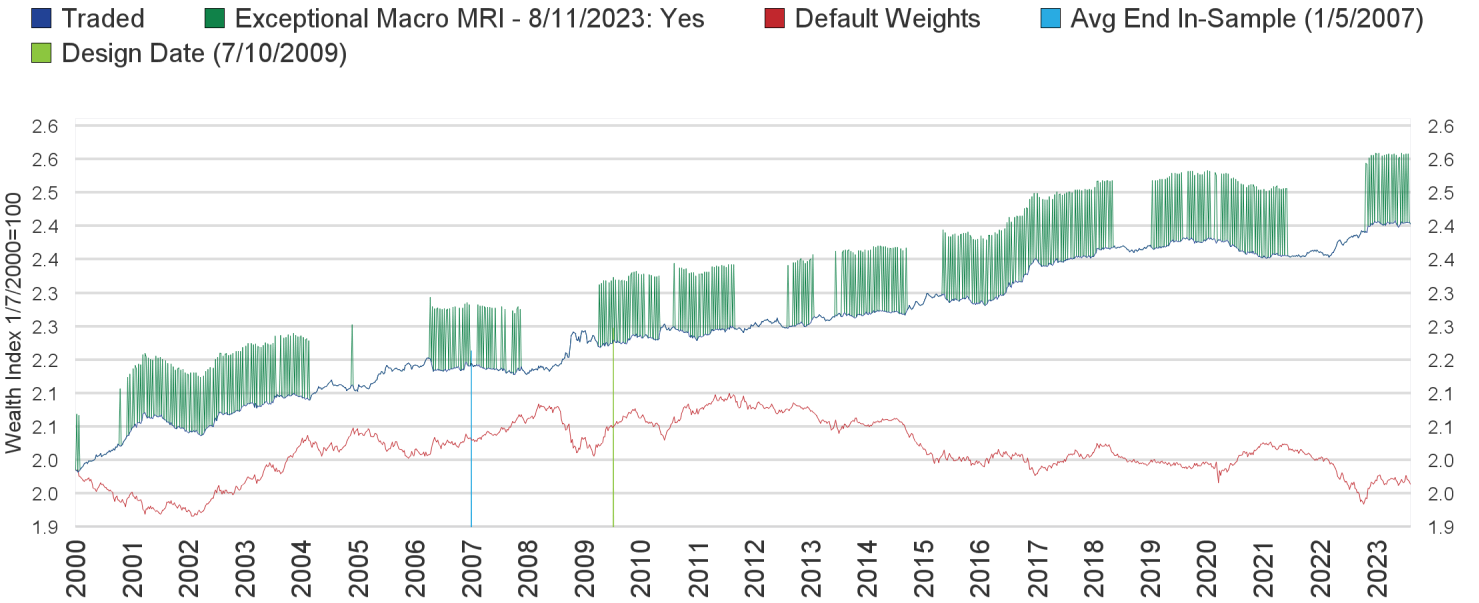
Return Objective: RoR/SD higher than Default +0.30
Design Notes: A fund designed to break out currencies by region for better visibility.

Simulated Performance (To Date)

Design Date				Avg End In-Sample				1/7/2000 to 8/11/2023			
7/10/2009- 7/21/2023				1/5/2007- 7/21/2023				1/7/2000- 8/11/2023			
Annualized				Annualized				Annualized			
	RoR	SD	RoR/SD		RoR	SD	RoR/SD		RoR	SD	RoR/SD
Traded	3.5%	4.3%	0.82	Traded	3.6%	5.0%	0.72	Traded	4.4%	5.0%	0.88
Default*	-1.5%	7.0%	-0.22	Default*	-1.0%	7.3%	-0.13	Default*	-0.2%	7.4%	-0.02
Excess	5.1%	8.8%	0.57	Excess	4.5%	9.4%	0.48	Excess	4.6%	9.5%	0.48

* Buy and Hold at Neutral Weights

USD Spot: High=USD Strength USD (s177) - 1/7/2000 thru 8/11/2023
Wealth Indices on Log Scale



Simulated Performance (USD) - based on weekly data

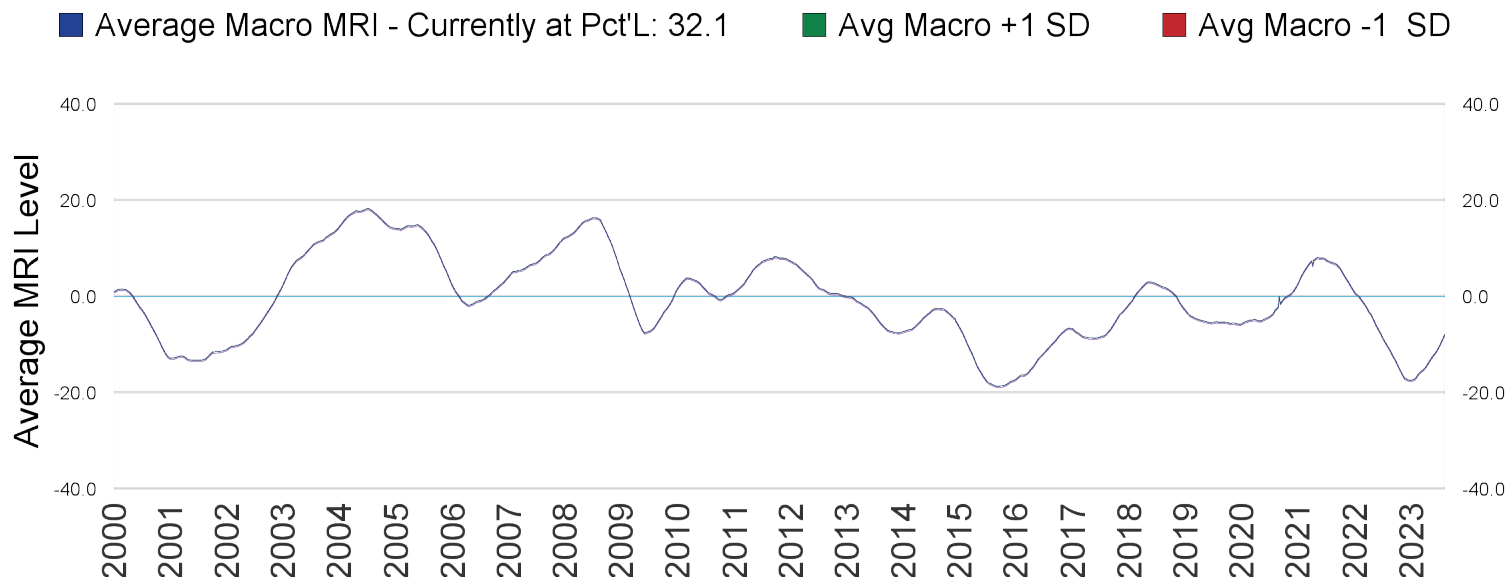
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded	18%	-1%	12%	4%	2%	11%	-0%	-3%	19%	-2%	-2%	6%	1%	5%	4%	-0%	20%	1%	4%	2%	-7%	2%	13%	-0%
Default Wts*	-9%	-7%	12%	19%	6%	-11%	8%	8%	-7%	9%	4%	1%	-1%	-7%	-9%	-5%	-5%	9%	-4%	0%	8%	-6%	-9%	0%
Excess	27%	7%	-0%	-15%	-4%	22%	-8%	-11%	27%	-10%	-6%	6%	2%	11%	13%	5%	25%	-8%	9%	2%	-15%	8%	22%	-0%
Cumulative Ex	27%	33%	36%	24%	20%	48%	40%	26%	64%	51%	42%	52%	55%	72%	91%	96%	141%	135%	150%	155%	129%	141%	183%	182%

* Buy and Hold at Neutral Weights

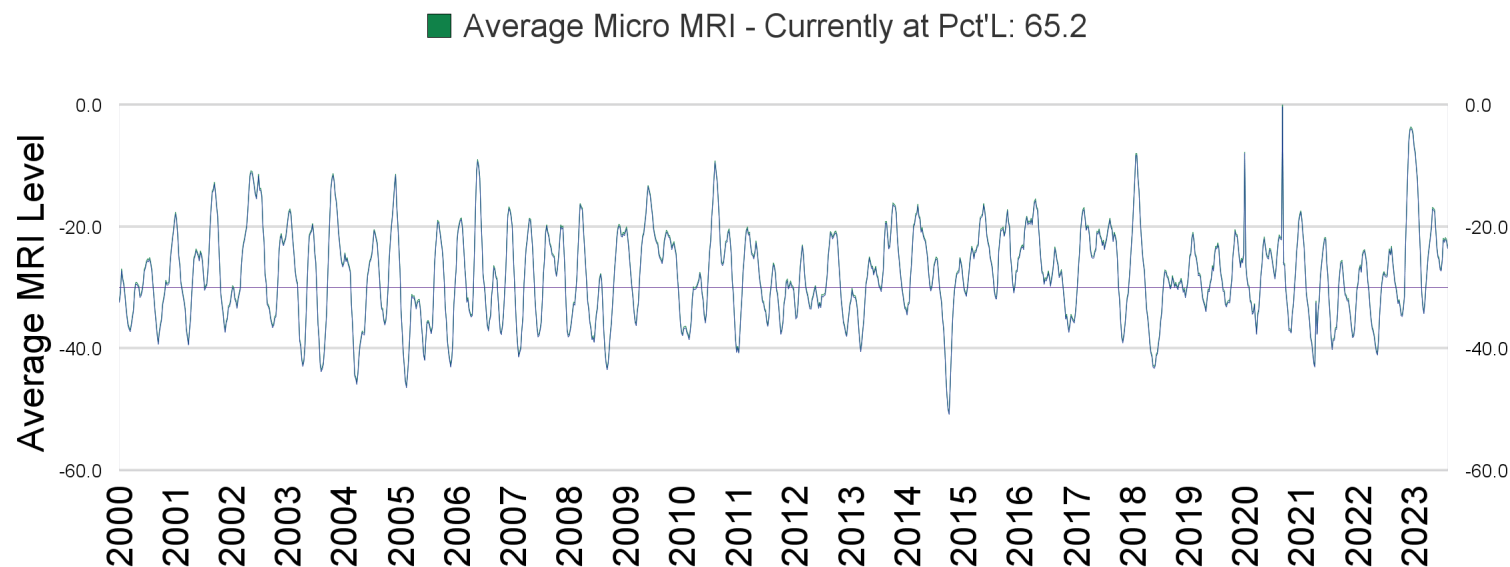
Weights and Investment Vehicles

Neutral	8/11/2023																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
---------	-----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

USD Spot: High=USD Strength



USD Spot: High=USD Strength



D. Index Signal Sleeves: AUDJPY, AUDUSD, AUDEUR

Return Objective: RoR/SD higher than Default +0.30

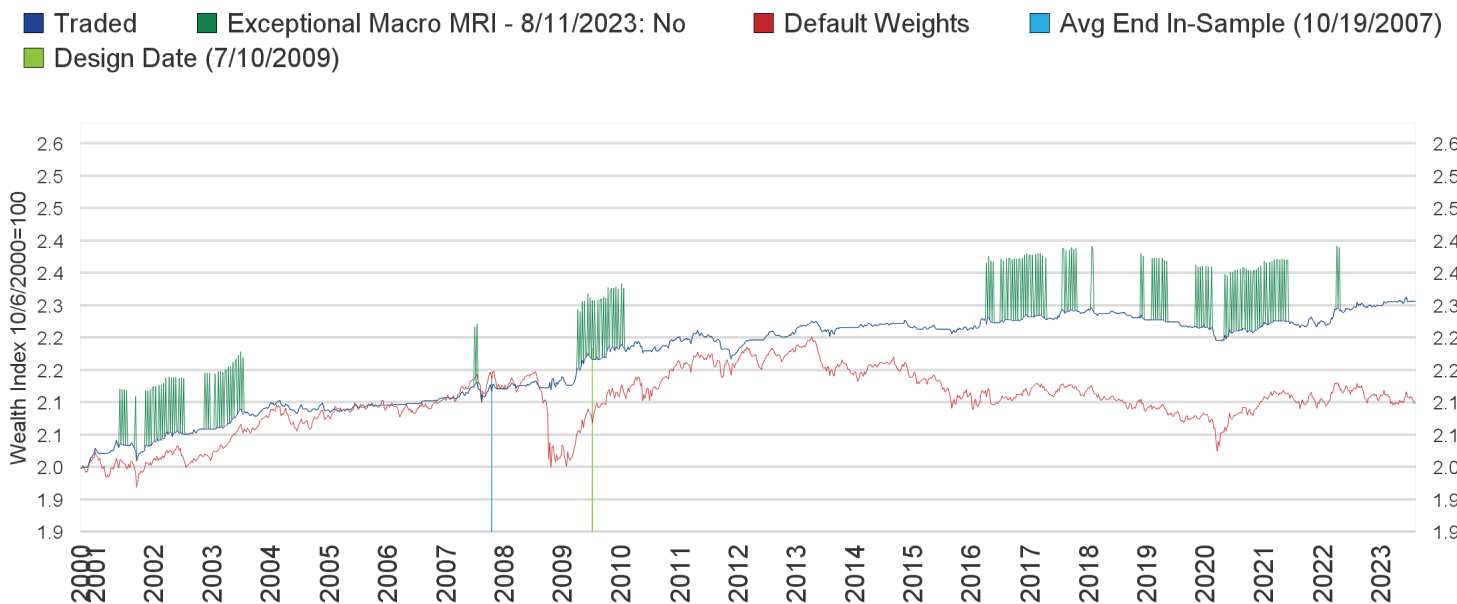
Design Notes: Currencies AUD Spot - H=AUD Strength

Simulated Performance (To Date)

Design Date 7/10/2009- 7/28/2023 Annualized				Avg End In-Sample 10/19/2007- 7/28/2023 Annualized				10/6/2000 to 8/11/2023 Annualized			
Traded	RoR	SD	RoR/SD	Traded	RoR	SD	RoR/SD	Traded	RoR	SD	RoR/SD
Traded	1.8%	5.0%	0.36	Traded	2.5%	5.4%	0.46	Traded	3.2%	5.4%	0.59
Default*	0.7%	10.2%	0.07	Default*	-0.6%	12.2%	-0.05	Default*	1.3%	11.4%	0.11
Excess	1.1%	7.1%	0.15	Excess	3.0%	9.1%	0.33	Excess	1.9%	8.2%	0.23

* Buy and Hold at Neutral Weights

* Buy and Hold at Neutral Weights

AUD Spot: High=AUD Strength AUD (s180) - 10/6/2000 thru 8/11/2023
Wealth Indices on Log Scale

Simulated Performance (AUD) - based on weekly data

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	YD23
Traded		4%	6%	11%	-2%	2%	3%	4%	5%	14%	4%	-6%	9%	2%	-0%	-0%	5%	3%	-4%	-3%	0%	2%	7%	2%
Default Wts*		-2%	1%	22%	-1%	3%	4%	5%	-22%	26%	14%	-1%	5%	-10%	-1%	-7%	-1%	3%	-9%	-1%	6%	0%	0%	-1%
Excess		6%	5%	-11%	-2%	-1%	-1%	-1%	27%	-12%	-10%	-5%	4%	12%	1%	7%	6%	0%	5%	-2%	-6%	2%	7%	3%
Cumulative Ex		6%	12%	2%	0%	-1%	-2%	-4%	33%	25%	13%	4%	9%	28%	30%	39%	49%	50%	55%	51%	45%	47%	59%	64%

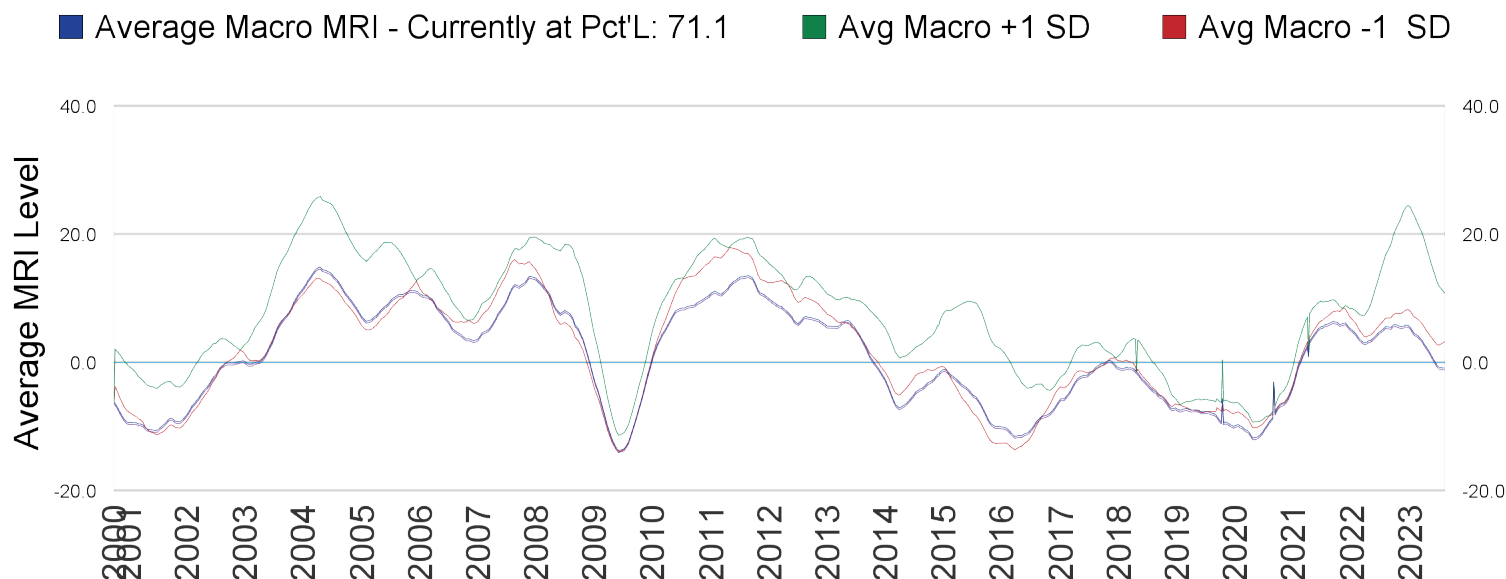
* Buy and Hold at Neutral Weights

Weights and Investment Vehicles

Neutral	8/11/2023	
33.4%	33.4%	AUDJPY
33.3%	0.0%	AUDUSD
33.3%	0.0%	AUDEUR
100.0%		

Avg Begin In-Sample	1979
Weekly Monthly Signal Ratio	100 0
Avg # Trade Events/Yr	17.9

AUD Spot: High=AUD Strength



AUD Spot: High=AUD Strength

