

MARCH 19, 2023



WEEKLY RESEARCH & ANALYSIS

#### SUMMARY OF MODELS

	Current	Wkly Change
Maestro Model	-11	Decreasing
Volatility Risk Trigger	0	Decreasing
Risk Appetite Ratios	.41	Decreasing
S&P 500 Long-Term Trend	Down	Unchanged

#### BY ANDREW THRASHER, CMT

TABLE OFCONTENTS

Volatility

Equities

Maestro Model

Sector Sentiment

Sectors & Commodity

Sentiment

**Trend Models** 

# MARKET DASHBOARD



Sector Rotation:	March
Financials	XLF
Energy	XLE
Industrials	XLI

Maestro Model								
Trend / Momentum	-5							
Sentiment / VIX	-3							
Breadth	-3							
Economic	3							
Total	-11							

<sup>(</sup>Breadth is weighted double in model)

Inde	x & Se	ctor
	Up	Down
	Trend	Trend
SPX		X
QQQ	X	
XLF		X
XLY		X
XLK	Х	
XLV		Х
XLU		Х
XLP		Х
XLI	Х	
XLRE		Х
XLE		Х
XLB		Х

Daily S	entiment In	dex
	% Bullish	5 day MA
0 0 D C00		5-day MA
S&P 500	16%	17%
Nasdaq 100	39%	36%
Nikkei	37%	42%
VIX	50%	45%
10yr Treasury	63%	56%
5yr Treasury	60%	52%
CRB Index	50%	48%
Crude Oil	12%	18%
Gold	80%	73%
U.S. Dollar	52%	53%
Bitcoin	60%	50%
*Green<25%	Red>80%	

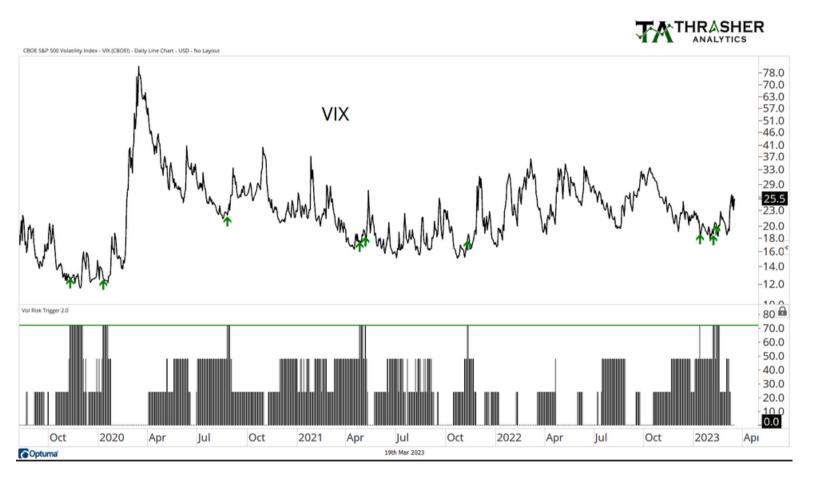
source: trade-futures.com

#### **Brief Summary:**

The whipsaw continues as individual stocks breakdown, and the indices rely on the mega caps to eke out a gain. More stocks have fallen below their 200-day MA and below their prior Dec. low while the S&P 500 gained roughly 1% last week. The VIX has begun to consolidate near 25 as the market digests the bank headlines and prepare for the next FOMC announcement. This week we'll get the likely 25 basis point hike in rates by the Fed on Weds. and apparently Trump is getting arrested on Tuesday (who knows how the market will respond to that event...). Tech stocks have been a key driver for SPX to rally last week but it lacks confirmation from multiple angles. Historically, Taiwan has had a strong relationship with Tech but it's not rallying, and we saw further declines in breadth data for the tech sector as well.

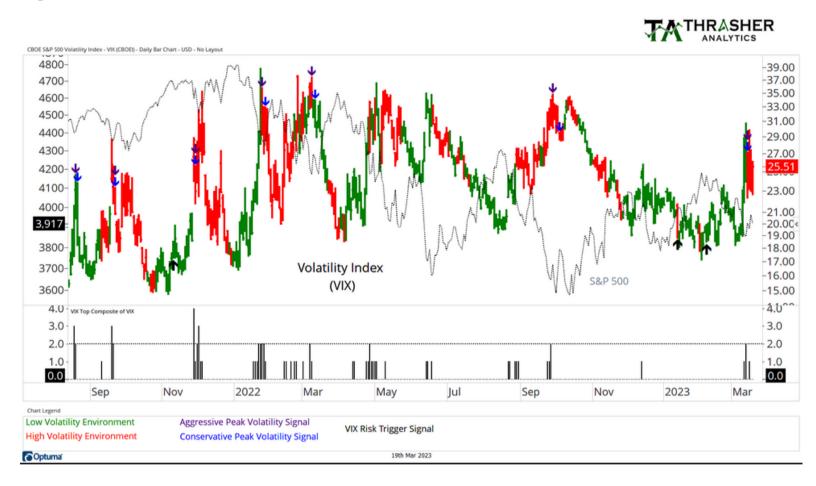
SPX has now gone 43 weeks without any progress while leaving in its wake a 20% range. The lack of a defined trend can be frustrating but is not entirely unusual. We've seen these consolidations develop in the past and patience is important to allow a trend to eventually develop. Currently breadth data is beginning to show less support for an eventual up trend to form but that can of course change and improve.

The VIX has come off its intraday highs but remains elevated, consolidating at 25 during most of the week.

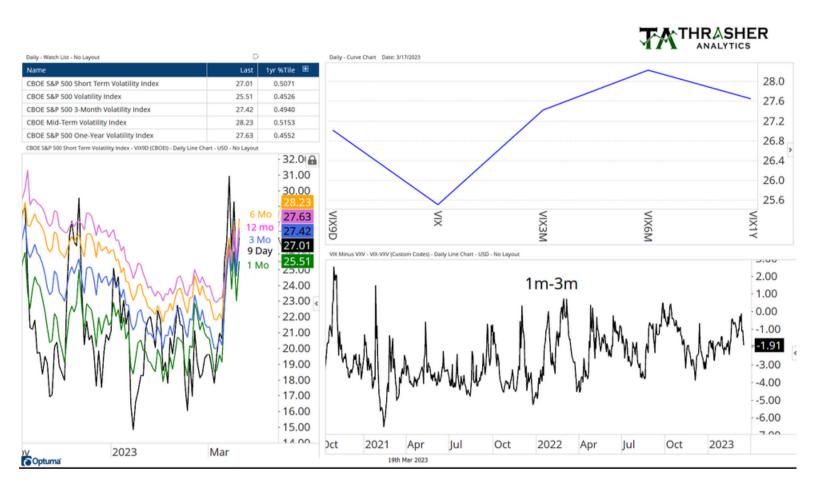


# VOLATILITY: TOP & ENVIRONMENT

On Tuesday we got both Aggressive and Conservative peak Volatility Signals, but this also came as the VIX moved into a High Volatility Environment, which helps explain why we did see vol come down a few points but has remained elevated in the mid-20s.



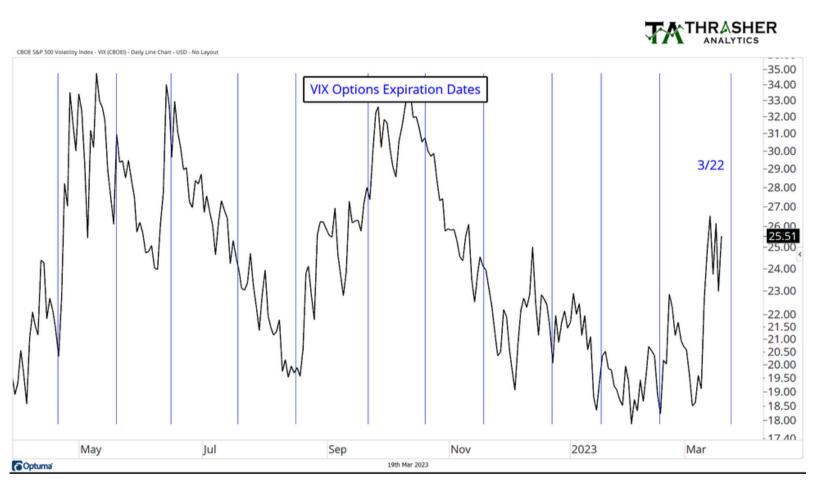
The full curve now is plus/minus at its 50th one-year percentile. We didn't see a closing read of the 1m over 3m just yet which is pretty interesting. The full curve has moved higher but not seeing a persistent shift into backwardation.



#### VOLATILITY - OPEX



VIX options will expire this week. I often note the significance of OpEx for VIX contracts as being historically important to the direction volatility has moved. The Feb. OpEx marked start of the current up trend, will March mark the end? We'll see.

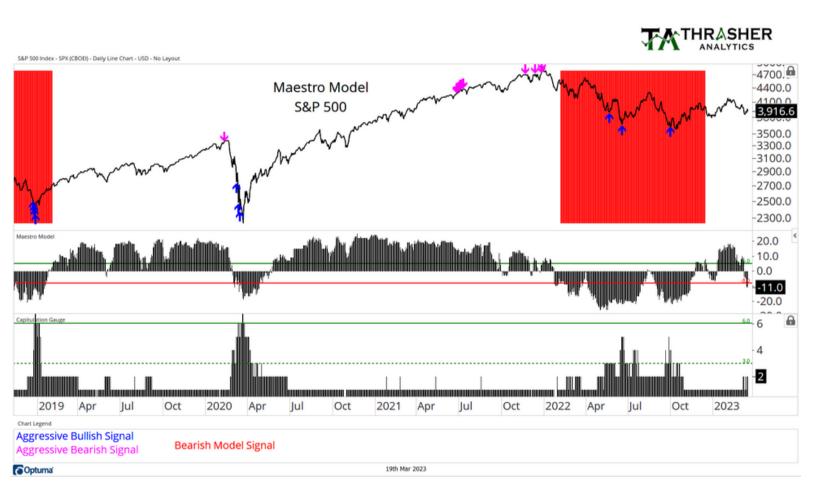


# MAESTRO MODEL



Please be sure to check out the Maestro Model Summary PDF in the Archive on the website.

The Maestro Model continued to decline last week, finishing at -11. All categories except Economic declined. While the model is very low, with the Economic category still positive and Capitulation Gauge at +2, a shift to a bearish model signal is being prevented.



# **MAESTRO MODEL - CATEGORIES**

Trend/Momentum declined one point, Sentiment/Volatility declined two points and Breadth declined 2 points.



# SENTIMENT SCORE

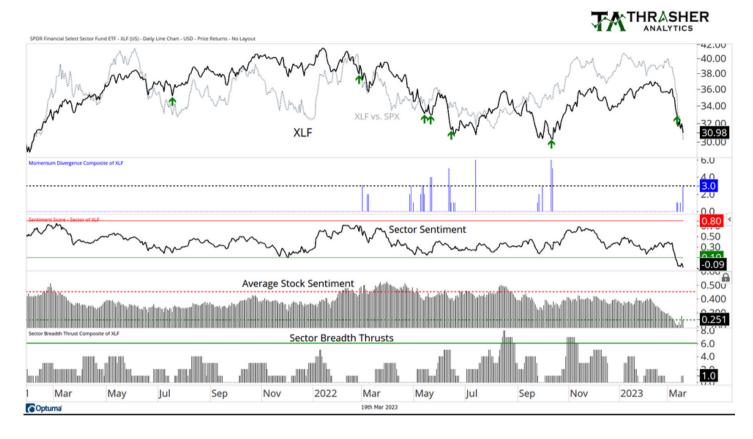
TANTHRASHER

With the regional banking mess, it's little surprise we now have XLF showing a negative sentiment reading. This could pose a potential opportunity for contrarians but there's plenty of headline risk to whipsaw the sector. XLI and XLB saw the largest declines in sentiment while XLC, XLP, and XLU saw the largest increases.

Daily - Watch List - No Layout				AM	ANAL	
Sector	Ticker	Sector Sentiment <del>•</del>	Change in Score	1W Perf	1M Perf	3M Perf
SPDR Communication Services Select Sector ETF	XLC	0.54	0.17	5.26%	-0.61%	14.48%
SPDR Technology Select Sector Fund ETF	XLK	0.51	0.10	5.66%	2.60%	12.54%
SPDR Utilities Select Sector Fund ETF	XLU	0.33	0.14	3.96%	-2.21%	-4.98%
SPDR Consumer Discretionary Select Sector Fund	XLY	0.24	0.09	2.27%	-6.13%	5.55%
SPDR Consumer Staples Select Sector Fund ETF	XLP	0.23	0.10	1.41%	-2.13%	-3.67%
SPDR Industrial Select Sector Fund ETF	XLI	0.20	-0.14	-2.35%	-6.17%	-1.46%
SPDR Materials Select Sector Fund ETF	XLB	0.10	-0.16	-3.42%	-7.12%	-4.51%
SPDR Real Estate Select Sector Fund ETF	XLRE	0.05	0.03	0.36%	-8.53%	-3.39%
SPDR Energy Select Sector Fund ETF	XLE	0.04	-0.08	-6.85%	-8.90%	-8.76%
SPDR Health Care Select Sector Fund ETF	XLV	0.03	0.14	1.38%	-4.64%	-7.13%
SPDR Financial Select Sector Fund ETF	XLF	-0.09	-0.12	-5.92%	-14.87%	-8.07%

### SENTIMENT SCORE: XLF & XLY





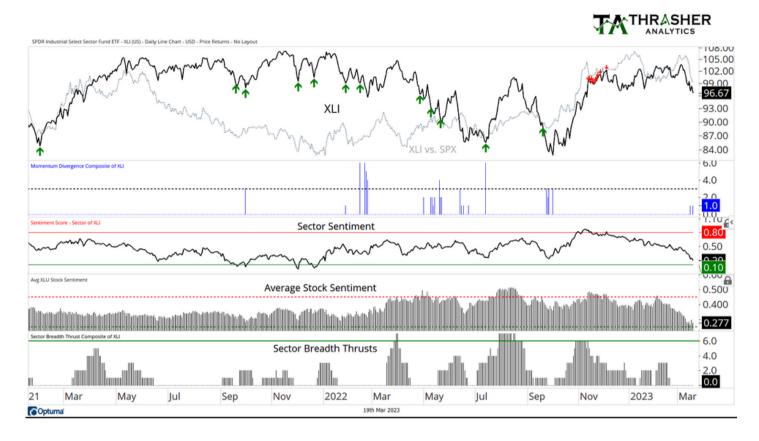
#### THRASHER ANALYTICS



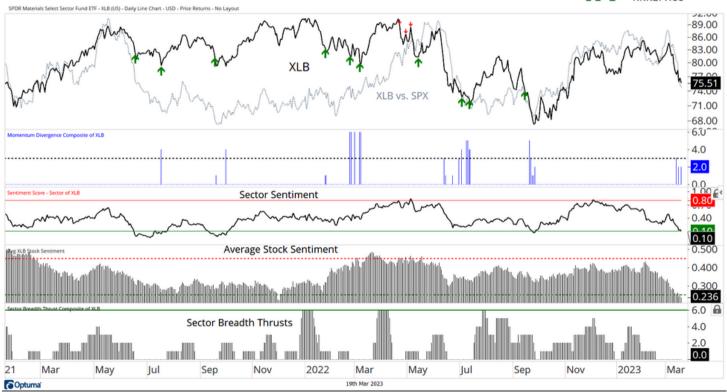
wwww.ThrasherAnalytics.com - Not For Redistribution-

#### SENTIMENT SCORE: XLI & XLB

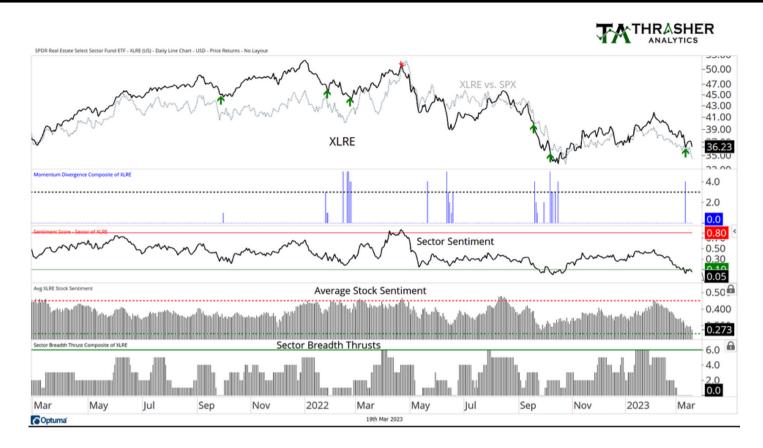


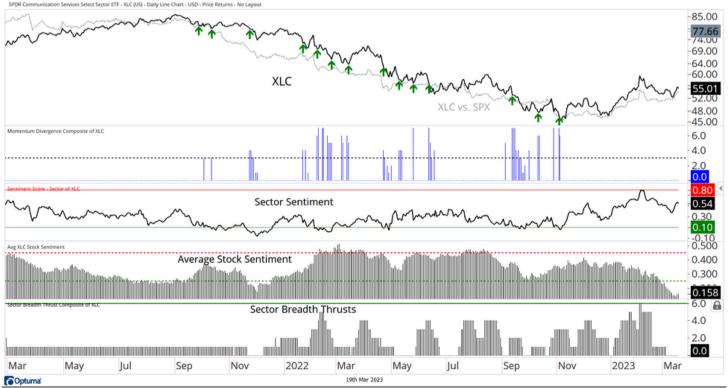






# SENTIMENT SCORE: XLRE & XLC 环然





wwww.ThrasherAnalytics.com - Not For Redistribution-

#### SENTIMENT SCORE: XLP & XLU

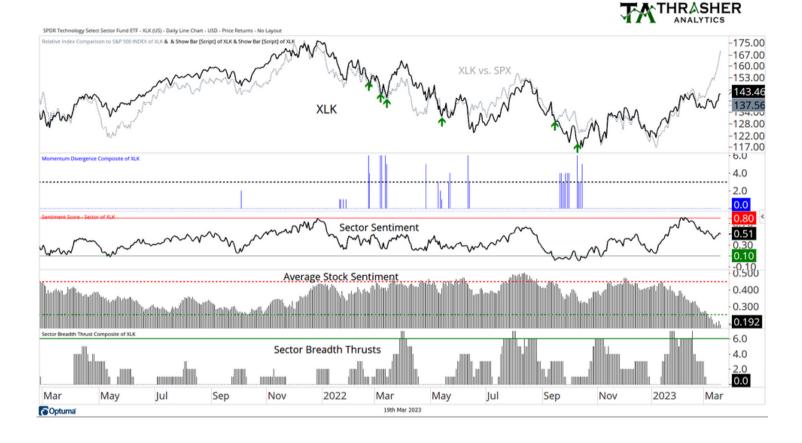


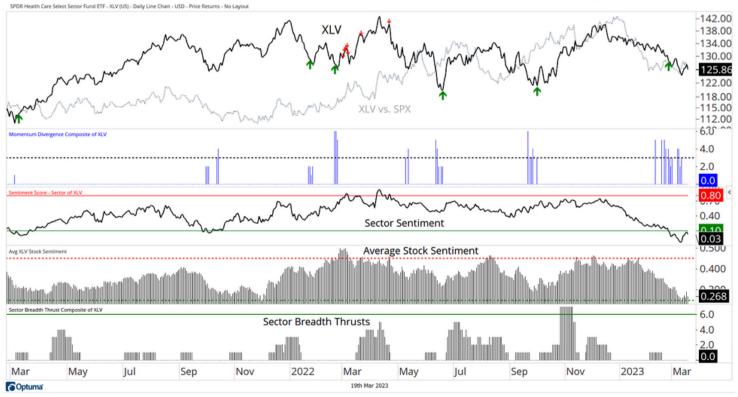
#### THRASHER ANALYTICS es Select Sector Fund ETF - XLU (US) - Daily Line Chart - USD - Price Returns - No Lay -78.00 -75.00 XLU -72.00 68.99 66.97 65.00 -63.00 XLU vs. SPX -61.00 -59.00 4.0 2.0 0.0 0.80 Sector Sentiment 0.33 0.10 -0.10Average Stock Sentiment 0.500 0.392 0.300 0 200 6.0 Sector Breadth Thrusts 4.0 2.0 -0.0 Mar May Jul Sep Nov 2022 Mar May Jul Sep Nov 2023 Mar Optuma 19th Mar 2023

wwww.ThrasherAnalytics.com

### SENTIMENT SCORE: XLK & XLV





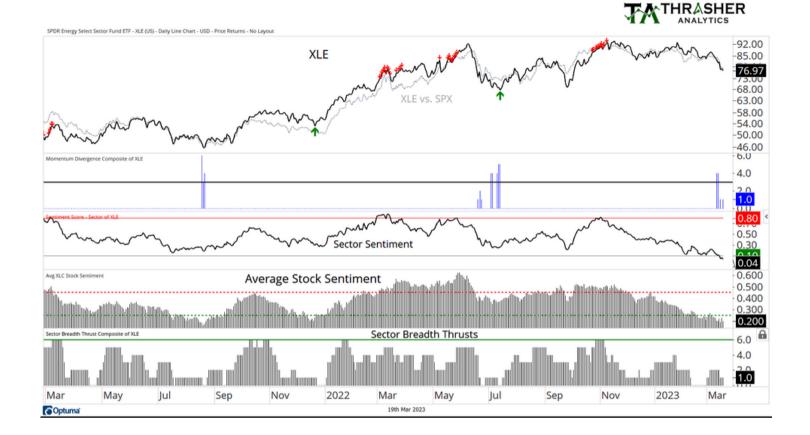


wwww.ThrasherAnalytics.com

- Not For Redistribution-

#### SENTIMENT SCORE: XLE





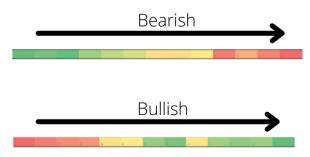
# **RISK APPETITE RATIO**



Below is a table of 17 gauges of risk appetite such as offense vs. defense sectors, foreign markets vs. domestic, small vs. large cap, lumber vs gold, high beta vs. broad market, high yield debt vs. Treasury debt, etc. The table shows each ratio's 1-year percentile going back the last 35 trading days. As the data improves, it turns green and as it declines it becomes red.

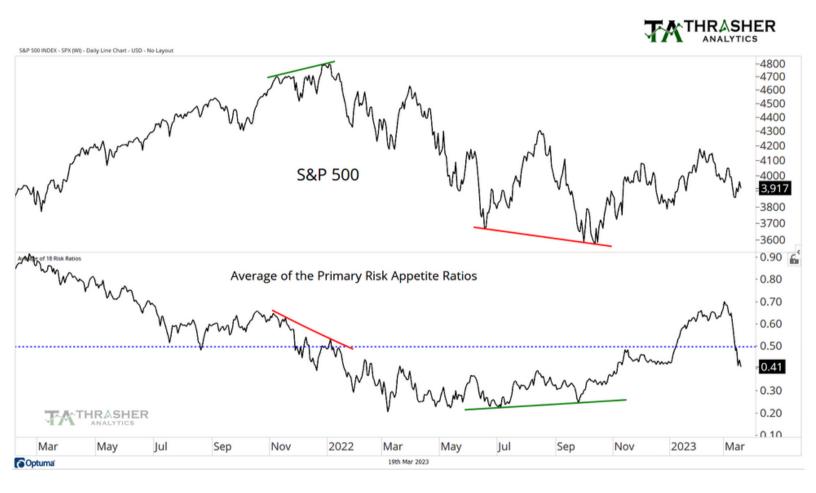
The average Risk Appetite Ratio percentile is at the 41st percentile.

Risk Metric	-35	-34	-33	-32	-31	-30	-29	-28	-27	-26	-25	-24	-23	-22	-21	-20	-19	-18	-17	-16	-15	-14	-13	-12	-11	-10	-9	-8	-7	-6	-5	-4	-3	-2	- 4	Curren
Emerging Market vs. SPX	0.69	0.66	0.63	0.56	0,56	0.48	0,45	0.41	0.38	0.42	0.47	0.42	0.41	0,40	0,36	0.41	0.38	0.41	0.40	0.40	0,42	0.43	0.41	0.53	0.51	0.48	0,46	0.45	0.46	0.44	0.49	0.50	0,43	0.37	0.36	0.41
EAFE vs. SPX	0.87	0.84	0.88	0.82	0.81	0.72	0.73	0.70	0.68	0.70	0.77	0.73	0.72	0.73	0.68	0.74	0.77	0.82	0.80	0.80	0.76	0.81	0.79	0.85	0.81	0.80	0.78	0.77	0.80	0.87	0.89	0.86	0.84	0.69	0.67	0.70
HY Debt vs. Treasury	0.64	0.64	0.63	0.63	0.62	0.63	0.65	0.65	0.70	0.66	0.67	0.69	0.67	0.67	0.70	0.73	0.71	0.73	0.72	0.72	0.74	0.76	0.73	0.75	0.79	0.74	0.77	0.72	0.69	0.65	0.52	0.49	0.56	0.46	0.51	0.41
Home Construction vs. SPX	0.94	0.96	0.94	1.00	1.00	1.00	0.95	0.92	0.91	0.87	0.89	0.89	0.93	0.90	0.91	0.91	0.86	0.79	0.82	0.85	0.86	0.87	0.90	0.87	0.87	0.88	0.83	0.86	0.90	0.94	0.92	0.94	0.94	0.92	0.94	0.96
Offense vs. Defense Sectors	0.53	0.57	0.52	0.55	0.57	0.66	0.63	0.60	0.66	0.66	0.67	0.62	0.63	0.68	0.70	0.67	0.63	0.57	0.59	0.63	0.63	0.69	0.74	0.77	0.75	0.79	0.76	0.76	0.76	0.70	0.66	0.57	0.60	0.47	0.54	0.52
Broker-Dealer vs. SPX	0.81	0.75	0.83	0.83	0.81	0.71	0.81	0.85	0.83	0.90	0.87	0.89	0.86	0.87	0.87	0.92	0.93	0.96	0.94	0.90	0.98	0.92	0.92	0.93	0.88	0.87	0.83	0.82	0.84	0.67	0.46	0.28	0.36	0.34	0.30	0.27
S&P Growth vs. S&P Value	0.09	0.10	0.07	0.08	0.08	0.05	0.09	0.09	0.12	0.11	0.12	0.12	0.11	0.13	0.13	0.11	0.10	0.11	0.11	0.13	0.12	0.13	0.12	0.12	0.12	0.12	0.14	0.15	0.16	0.18	0.19	0.23	0.23	0.25	0.26	0.30
Semiconductor vs. SPX	0.77	0.74	0.69	0.69	0.83	0.86	0.83	0.79	0.85	0.82	0.87	0.81	0.82	0.91	0.90	0.85	0.82	0.77	0.76	0.88	0.85	0.88	0.92	0.94	0.95	0.94	0.90	0.91	1.00	1.00	0.99	0.99	1.00	0.98	1.00	1.00
Consumer Disc. Vs. Staples	0.58	0.61	0.57	0.61	0.65	0.74	0.68	0.64	0.68	0.66	0.67	0.61	0.65	0.70	0.72	0.69	0.71	0.61	0.63	0.62	0.59	0.61	0.64	0.65	0.64	0.69	0.66	0.65	0.65	0.59	0.55	0.49	0.49	0.44	0.49	0.47
Small Cap vs. Utilities	0.52	0.54	0.50	0.56	0.61	0.67	0.73	0.64	0.67	0.68	0.68	0.61	0.63	0.65	0.66	0.65	0.70	0.66	0.69	0.74	0.70	0.77	0.85	0.93	0.85	0.91	0.82	0.84	0.81	0.71	0.66	0.52	0.54	0.41	0.44	0.37
Transports vs. Utilities	0.54	0.59	0.52	0.61	0.73	0.83	0.88	0.82	0.86	0.90	0.88	0.80	0.81	0.88	0.87	0.85	0.79	0.73	0.72	0.78	0.77	0.84	0.87	0.95	0.97	0.93	0.88	0.90	0.89	0.86	0.82	0.71	0.65	0.57	0.59	0.58
Equal Weight vs. Cap Weight	0.90	0.90	0.92	0.95	0.94	0,90	0.87	0.86	0.81	0.82	0.82	0.83	0.82	0.80	0.82	0.85	0.86	0.84	0.84	0.82	0.84	0.82	0.83	0.85	0.85	0.83	0.75	0.74	0.75	0.70	0.61	0.47	0.44	0.33	0.27	0.25
Small cap vs. Large Cap	0.73	0.77	0.75	0.85	0.91	0.96	1.00	0.91	0.85	0.81	0.74	0.74	0.74	0.74	0.82	0.86	0.92	0.81	0.86	0.88	0.89	0.89	0.93	0.99	0.93	0.91	0.74	0.78	0.77	0.67	0.51	0.35	0.37	0.27	0.23	0.11
Equities, vs. VIX	0.79	0.81	0.68	0.74	0.88	0.83	0.85	0.75	0.83	0.74	0.65	0.66	0.69	0.80	0,86	0.69	0.69	0.49	0.52	0.59	0.55	0.60	0.61	0.61	0.69	0.80	0.79	0.69	0.73	0.48	0.35	0.28	0.42	0.30	0.47	0.34
Aussie Dollar vs. Yen	0.62	0.61	0.59	0.60	0.54	0.52	0.55	0.55	0.53	0.54	0.52	0.59	0.64	0.62	0.56	0.57	0.60	0.59	0.54	0.50	0.51	0.51	0.50	0.52	0.46	0.41	0.34	0.22	0.24	0.17	0.08	0.08	0.16	0.03	0.10	0.01
Lumber vs. Gold	0.13	0.13	0,16	0,16	0.14	0,15	0,15	0.14	0,12	0,11	0.09	0.08	0.07	0.06	0,07	0.05	0.05	0.05	0.04	0.04	0,06	0.07	0.07	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.02	0.01	0.00	0.00	0.11	0.11
Copper vs. Gold	0.50	0.47	0.46	0.47	0.36	0.36	0.43	0.40	0.43	0.39	0.46	0.40	0.47	0.48	0.47	0.56	0.54	0.66	0.63	0.54	0.47	0.50	0.56	0.60	0.54	0.51	0.53	0.51	0.56	0.53	0.46	0.38	0.35	0.18	0.21	0.15
					_										_																	_		_		
AVERAGE	0.63	0.63	0.61	0.63	0.65	0.65	0.66	0.63	0.64	0.63	0.64	0.62	0.63	0.65	0.65	0.65	0.65	0.62	0.62	0.64	0.63	0.65	0.67	0.70	0.69	0.68	0.65	0.64	0.65	0.60	0.54	0.48	0.49	0.41	0.44	0.41



#### **RISK APPETITE RATIO**

The average risk appetite ratio dropped last week to the 41st percentile, heavily driven by the weakness in small caps, broker/dealer, and emerging markets and the strength in gold.



# EQUITIES - S&P 500 DAILY



The S&P 500 is now back under the 200-day moving average and continues to frustrate trades with this whipsawing price action. The Index has basically gone nowhere for over 40 weeks (more on this topic specifically later). SPX is still above its Dec. low, but most stocks aren't as fortunate. Friday gave us another 90% down day, with 91.4% of stocks declining. Until a trend emerges, this messy market requires a strong degree of patience.

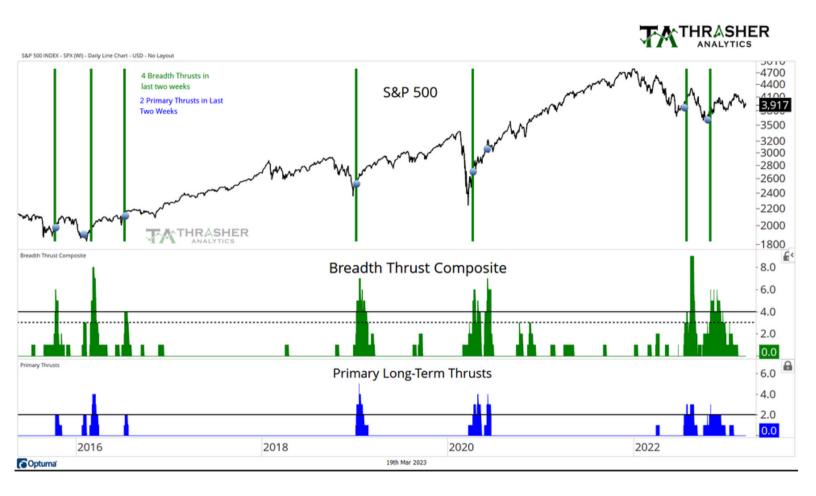


# **EQUITIES - BREADTH THRUSTS**



I've added an add'l section of the breadth thrust composite chart, titled Primary Long-Term Thrusts. These are the handful of thrusts that are in the original composite that have the best track record and only have the highest bar to clear to signal. The original composite is still what 'feeds' the breadth category of the Maestro Model.

Thrust count sits at 0.



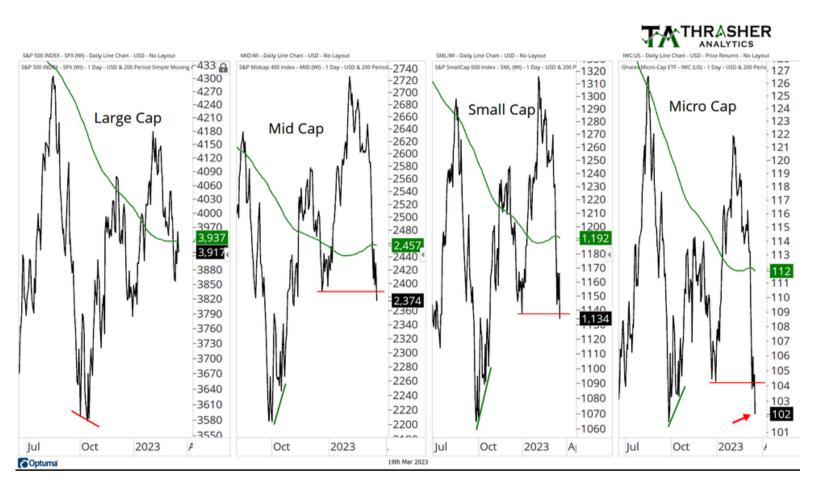
Below is a table showing the changes in breadth data over the last 35 days. This provides insight into whether bullish or bearish data is improving or declining.

	35 Days Ago	30 Days Ago	25 Days Ago	20 Days Ago	15 Days Ago	10 Days Ago	5 Days Ago	Current
			M	oving Averag	e Breadth			
S&P 500 % above 200-day MA	65.0	75.8	65.0	66.0	57.1	59.8	41.2	37.2
Nasdaq 100 % above 200-day MA	58.4	75.2	66.3	71.3	55.4	63.4	48.5	57.4
S&P 500 % above 50-day MA	72.6	74.0	62.2	63.8	43.3	51.1	16.3	19.9
Nasdaq 100 % above 50-day MA	72.3	73.3	64.4	71.3	48.5	55.4	31.7	43.6
S&P 500 % above 20-day MA	75.5	73.4	48.7	43.9	17.9	38.6	6.4	21.9
Nasdaq 100 % above 20-day MA	78.2	80.2	54.5	57.4	22.8	46.5	11.9	47.5
				Bullish Bre	eadth			
S&P 500 % RSI(14) > 70	9.9	26.6	4.0	2.4	0.2	3.2	0.2	0.6
Nasdaq 100 % RSI(14) > 70	14.9	37.6	3.0	3.0	2.0	4.0	0.0	3.0
S&P 400 % New 52 week highs	4.8	17.0	4.1	6.1	1.5	3.7	0.2	0.0
S&P 600 % New 52 week highs	4.4	12.2	2.4	2.9	1.0	4.6	0.0	0.7
S&P 500 % New 52 week highs	4.0	6.6	3.8	2.0	0.8	4.4	0.4	1.2
Nasdaq 100 % New 52 week highs	5.0	5.0	3.0	4.0	1.0	4.0	1.0	2.0
S&P 500 % New 6 month highs	9.2	21.9	6.8	3.0	0.8	5.8	0.2	2.2
Nasdaq 100 % New 6 month highs	9.9	19.8	5.9	6.9	1.0	6.9	0.0	5.0
				Bearish Be	arish			
S&P 500 % RSI(14) < 30	1.4	0.8	1.4	1.2	3.6	1.6	22.3	24.1
Nasdaq 100 % RSI(14) < 30	1.0	4.0	3.0	2.0	5.0	1.0	7.9	5.0
S&P 400 % New 52 week lows	0.3	0.0	0.3	0.3	1.0	0.7	9.5	5.5
S&P 600 % New 52 week lows	0.7	0.2	0.3	0.2	1.5	0.7	11.8	7.2
S&P 500 % New 52 week lows	0.0	0.2	0.2	0.2	2.4	0.4	8.2	3.8
Nasdaq 100 % New 52 week lows	0.0	1.0	1.0	0.0	1.0	0.0	3.0	0.0
S&P 500 % New 6 month lows	0.0	0.2	0.4	0.4	3.0	0.4	10.7	5.0
Nasdaq 100 % New 6 month lows	0.0	1.0	2.0	0.0	3.0	0.0	5.0	1.0

# **EQUITIES - ASSET SIZE**

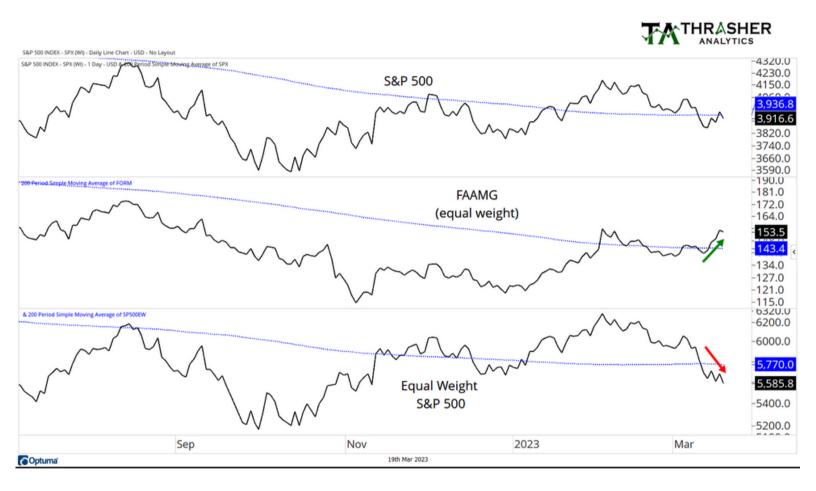


Outside of the mega cap stocks, the rest of the market is showing a larger degree of weakness. Micro Caps in fact are almost back to their Q4 2022 low! Mid, Small, and Micro all are back below their respective December lows. It's been just the handful of mostly tech mega cap stocks that have helped buoy the SPX.



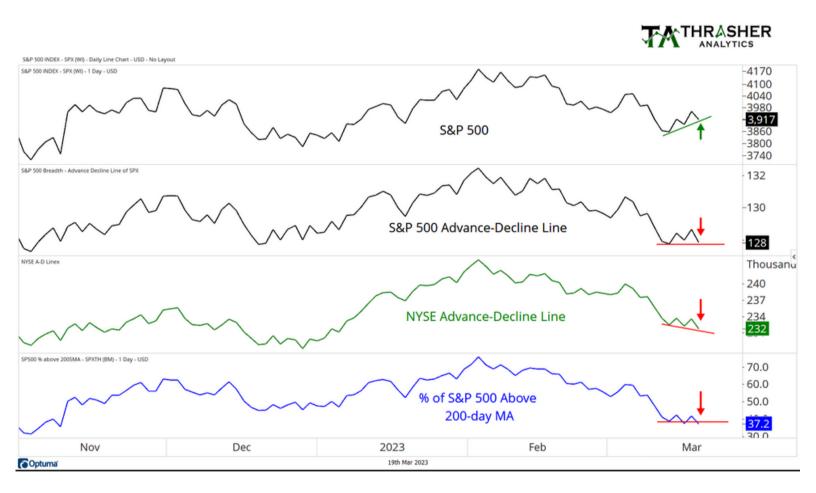
# **EQUITIES - FAAMG**

We can see another example of this performance spread between asset size in the chart below. We can see that FAAMG stocks have rallied back above the 200-day MA while an equal-weighting of the S&P 500 made lower-lows under the 200-day MA last week.



# **EQUITIES - BREADTH**

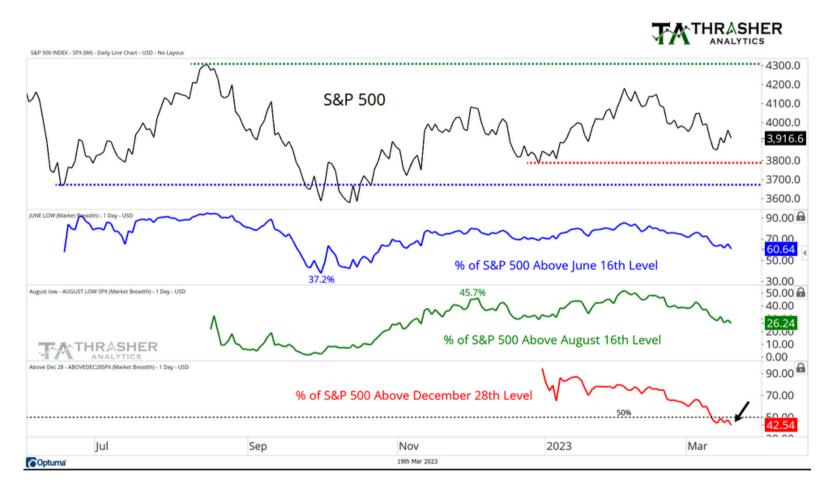
Here's another example. Here we have the S&P 500 and NYSE Advance-Decline Lines as well as the percent of the S&P 500 above the 200-day moving average. All three are showing weakness and moving lower while the Index attempted to make some short-term higher lows. This isn't what strong internals look like. Breadth looks weak.



### **EQUITIES - DECEMBER LOW**



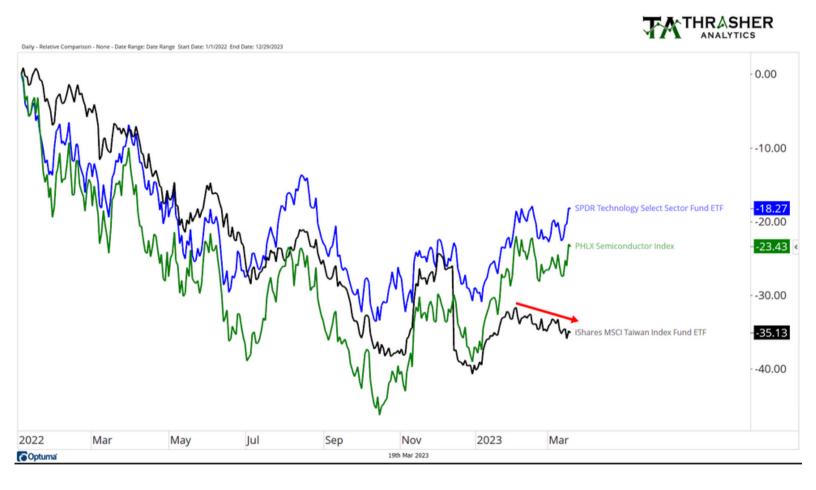
I showed this chart last week when 46% of stocks were still trading above their December 28th level. That figure has now declined to 42.5% even though the Index actually posted a positive gain for the week. Below the hood, stocks are struggling.



# EQUITY - TECH AND TAIWAN

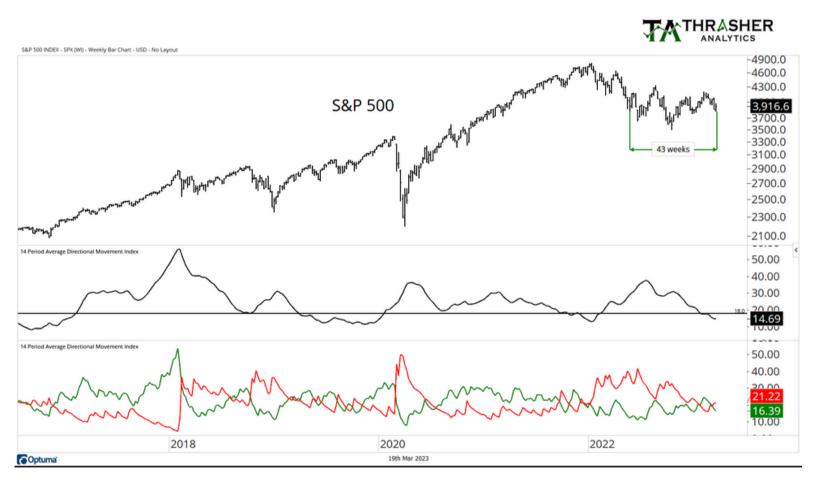
**7**X

There's been historically a very strong relationship between technology stocks and specifically semiconductors and Taiwan. A large share of semis are produced in Taiwan and so their stock market is heavily influenced by the trends within the tech space. With tech showing strength here recently, you'd expect to see Taiwan being rising as well. Unfortunately, that's not the case and puts the latest rise in tech/semis into question. I'll discuss the tech again in the Sector section of the letter.



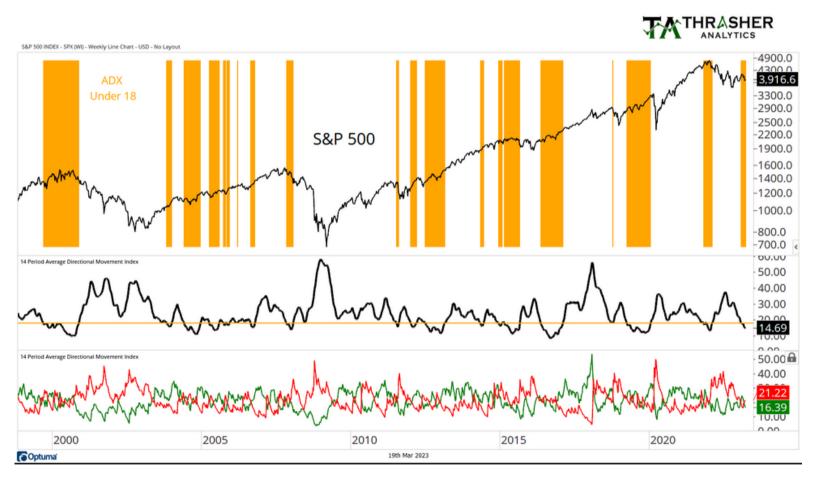
# EQUITY - TRENDLESS MARKET 1

As I mentioned earlier, the S&P 500 has been in a fairly wide consolidation for 40 weeks, 43 weeks to be exact. This trendless market can be frustrating and actually isn't that unusual but it's important to recognize. Below we have the 14-period ADX Indicator, which measures trend strength (agnostic to the direction of the trend). The bottom panel shows the DI+ and DI- indicators which do focus on rising or falling trends. When DI+ (green) is above DI- (red) then it's identifying an uptrend. When the ADX is also rising, it's suggesting a strong trend (again, regardless of direction). When the ADX is low, the indicator is identifying a trendless or whipsawing market - like we are in today. I'll look at a longer-term chart of this on the next page.



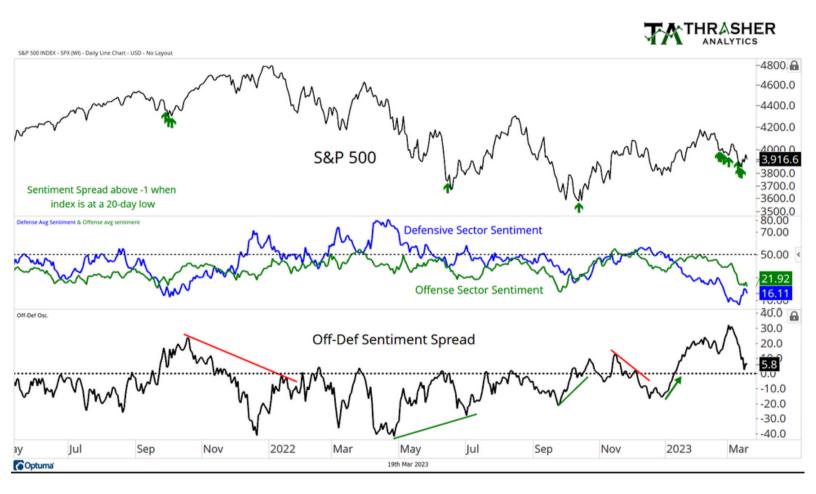
# EQUITY - TRENDLESS MARKET 2

Here we have a weekly chart of the S&P 500 since the mid-90s. I've plotted orange lines when ADX is under 18, which notes a likely trendless environment for the index. If you were trading in 2014 and 2015 you probably remember the multi-month whipsaw price action that caused a migraine for trend traders. That's the environment we are in today, the market is sitting at roughly the same place it was 43 weeks ago which also happens to include a roughly 20% range from the high to the low. It's one thing when the range is tight, like in early 2015 when it was just a 3-4% range but what we have today is much wider and more volatile. I share this to point out the need for patience and allowing this market to determine its next move that eventually ends this whipsaw migraine-inducing price action.



### **EQUITIES - SECTOR SENTIMENT**

The Sentiment Spread is still positive but has come down quite a bit as Offense sentiment has declined to 21.9



# **ETF FUND FLOW**



THRASHER

Below is a look at fund flows for major bond and equity ETFs. Data is through Thursday of last week.

– Name	Ticker	Net Flows YTD	Net Flows 3 Month	Net Flows 1 Month	1 Month Flow % of AUM 🐱
– Bond ETFs					
iShares 7-10 Year Treasury Bond ETF	IEF	2,893,237,793	3,053,309,989	2,574,570,311	9.81%
iShares 20+ Year Treasury Bond ETF	TLT	3,787,028,637	2,820,037,573	1,567,285,862	4.87%
iShares 10-20 Year Treasury Bond ETF	TLH	2,349,284,595	2,482,720,904	152,560,053	
iShares 1-3 Year Treasury Bond ETF	SHY	-626,030,731	-528,725,941		0.24%
iShares TIPS Bond ETF	TIP	-1,313,357,874	-1,625,364,341		
iShares iBoxx \$ Investment Grade Corporate Bond ETF	LQD	-1,493,594,632	-3,228,269,349	-2,122,023,317	
iShares 3-7 Year Treasury Bond ETF	IEI	71,831,041	59,235,021	-1,034,928,131	-8.62%
– SPDR Equity ETFs					
SPDR Utilities Select Sector Fund ETF	XLU	-97,631,858	-234,553,651	14,747,904	
SPDR Energy Select Sector Fund ETF	XLE	-547,006,880	-181,724,476		
SPDR Consumer Staples Select Sector Fund ETF	XLP	-430,763,550	-630,474,111	-55,414,229	
SPDR Health Care Select Sector Fund ETF	XLV	-996,539,124			-1.37%
SPDR Communication Services Select Sector ETF	XLC	26,678,316		-168,450,941	
SPDR Consumer Discretionary Select Sector Fund ETF	XLY	-263,911,732		-302,434,872	
SPDR Industrial Select Sector Fund ETF	XLI	-110,922,138	-281,476,510	-305,504,857	
SPDR Technology Select Sector Fund ETF	XLK	-2,170,613,315	-2,112,423,569	-987,272,047	
SPDR S&P 500 ETF	SPY	-15,761,156,215	-24,632,917,554	-13,039,255,676	-3.69%
SPDR Materials Select Sector Fund ETF	XLB	239,761,781	163,700,688		
SPDR Financial Select Sector Fund ETF	XLF	-627,431,373	-1,109,896,514	-1,322,790,312	-4.62%
SPDR Real Estate Select Sector Fund ETF	XLRE	-326,312,513	-220,936,905	-318,906,980	

Were the design of the second se

#### **SECTOR PERFORMANCE**

Daily - Performance - No Layout



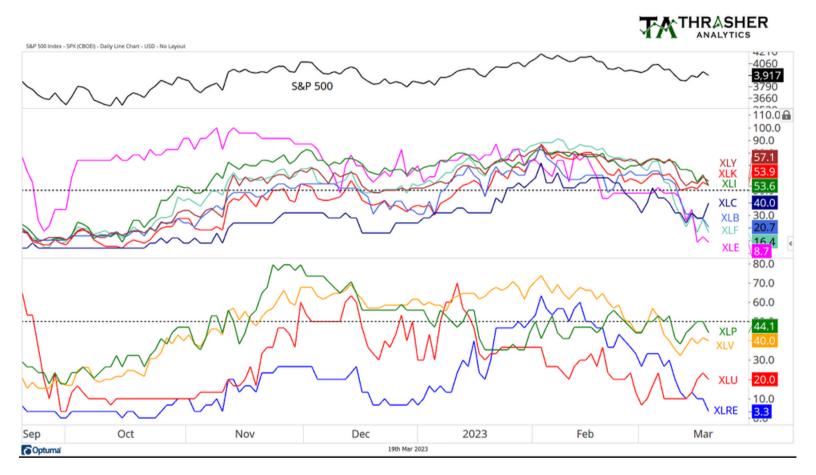
#### 

- Tick	erName	2023	YTD Rel% to SPX	1W %~	1M %	3M%	6M%	% from 52Wk High	% from 52Wk Low	% From 20MA	% From 50MA	% From 200MA
- Index			AVG: 0.03%					AVG: 15.01%	AVG: 11.81%		AVG: -3.82%	
NDY	NASDAQ 100 Index	14.44%										5.17%
SPX	S&P 500 INDEX	2.01%										-0.51%
DJI	Dow Jones Industrial Average	-3.88%										-1.59%
MID	S&P Midcap 400 Index	-2.30%						14.62%		-6.87%		-3.35%
SML	S&P SmallCap 600 Index	-2.04%		-3.28%							-8.29%	-4.84%
- Sector			AVG: 6.37%					AVG: 17.79%	AVG: 13.56%		AVG: -4.05%	
XLK	SPDR Technology Select Sector Fund ETF	15.28%										7.93%
XLC	SPDR Communication Services Select Sector ETF	14.63%	-13.82%			14.48%						3.84%
XLU	SPDR Utilities Select Sector Fund ETF	-5.01%										-4.22%
XLY	SPDR Consumer Discretionary Select Sector Fund	9.43%	-15.87%									-3.49%
XLP	SPDR Consumer Staples Select Sector Fund ETF	-3.27%										-1.16%
XLV	SPDR Health Care Select Sector Fund ETF	-7.35%										-3.46%
XLRE	SPDR Real Estate Select Sector Fund ETF	-1.90%	-14.90%							-4.24%		-8.25%
XLI	SPDR Industrial Select Sector Fund ETF	-1.57%					8.36%		16.82%			1.56%
XLB	SPDR Materials Select Sector Fund ETF	-2.79%										-2.97%
XLF	SPDR Financial Select Sector Fund ETF	-9.42%			-14.87%							-8.50%
XLE	SPDR Energy Select Sector Fund ETF	-12.00%										-6.89%

### SECTOR - BREADTH 200-MA



Just three sectors remain above 50% (% of stocks above 200-day MA), XLY, XLK, and XLI.



# SECTOR - XLK BREADTH



I mentioned before the lack of confirmation in Taiwan's equity price action for the strength shown in semis and tech stocks. Below we can see the breadth data for XLK and the lack of confirmation here as well. XLK is sitting near the high end of its range while less than 40% of stocks are above their 20-day MA and barely 50% are above the 200-day MA but well off the 70-80 % we saw the last time XLK was at this level. Internally, tech is weakening but the sector is being propped up by a handful of mega caps.



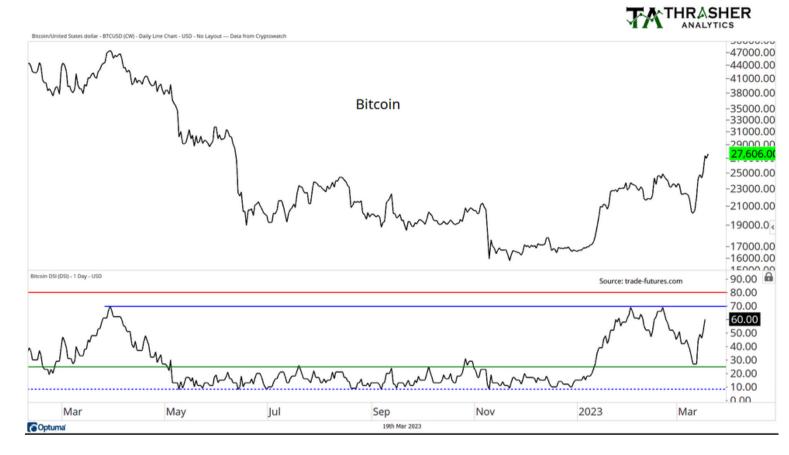
Daily - Watch List - No Layout			0	Daily - Watch List - No Layout			0
Code	% Bullish 🔺	5-day MA	History 🖽	Code	% Bullish 🔺	5-day MA	History
Lean Hog DSI	12	17	Market and And	Yen DSI	52	45	a substanting of
Crude Oil DSI			Burn Barnes	US Dollar DSI	52	53	
SPX DSI			A DATA A AND A	Copper DSI	52	53	Autom
Palladium DSI		26	A Care Hard	Coffee DSI	55	59	
Natural Gas DSI		29	the second second	British Pound DSI	55	57	
Heating Oil DSI	29	31	Mary and and	Mexican Peso DSI	60	60	Status data and
Wheat DSI	30	27	Statute and a state of	Cattle DSI	60	58	a sea bha a shan
Corn DSI	31		March bearing	Bitcoin DSI	60	50	
Nikkei DSI	37	42		5YR DSI	60	52	and the second second
Soybean DSI	38	44	and the balance	EuroDollar DSI	62	57	
Nasdaq DSI	39	36	المتقلم بالدلي	Cocoa DSI	62	54	and the second
Swiss Franc DSI	41	43	Assess March	10Y DSI	63	56	
Gasoline DSI	42	50		Silver DSI	65	54	and the second second
Cotton DSI	42	48		Sugar DSI	69	70	Auto All
Platinum DSI	45	44	and the second	New Zealand Dollar DSI	69	66	
Australian Dollar DSI	48	44	A CONTRACTOR OF	Lumber DSI	69	57	
Euro DSI	49	48	and the second second	Gold DSI	80	73	
VIX DSI	50	45	Margaret	Orange Juice DSI		83	MALL AN
CRB Index DSI	50	48	And a state of the	Type Code or Name to add	d an item to the	watchlist	

Source: trade-futures.com

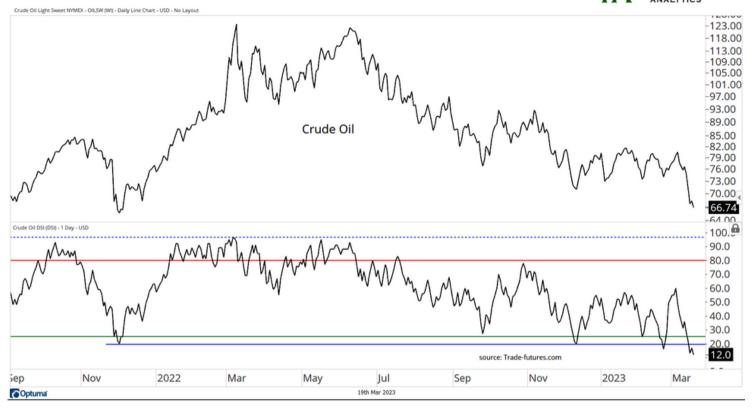












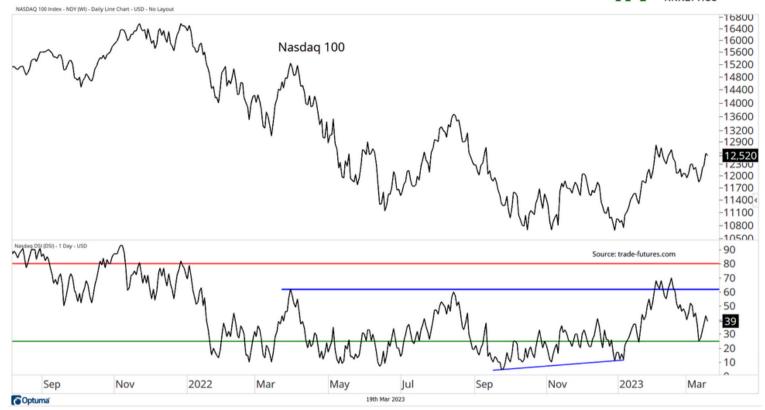


THRASHER ANALYTICS











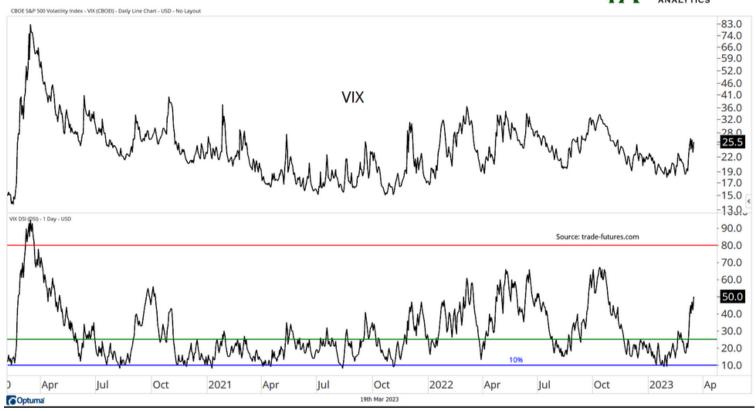






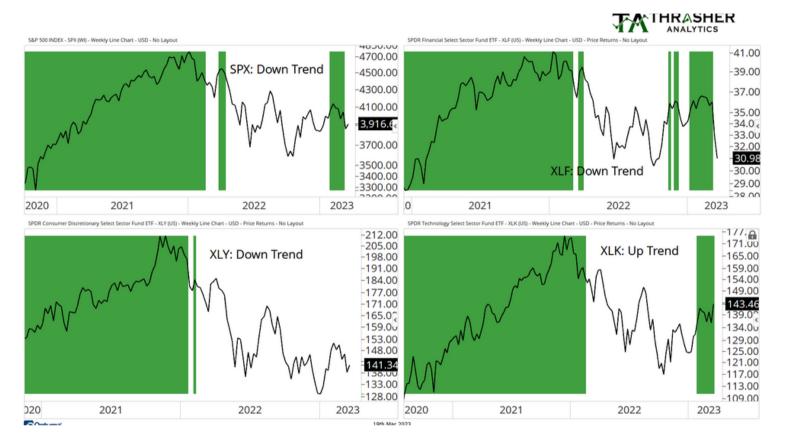






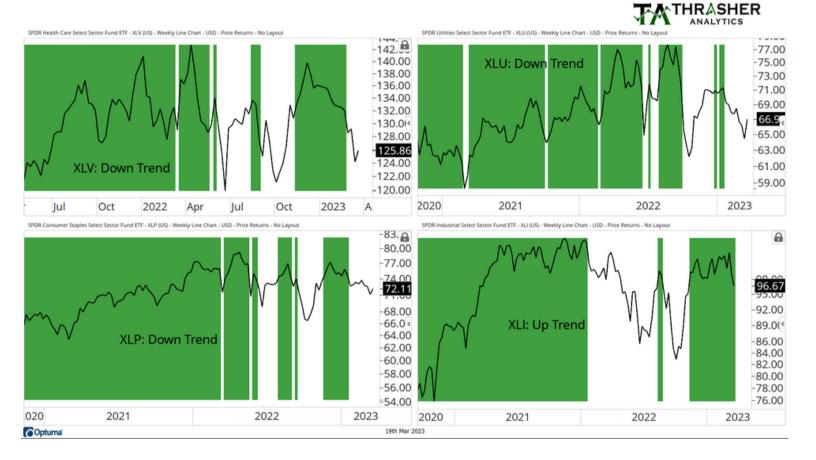
# **TREND MODELS**





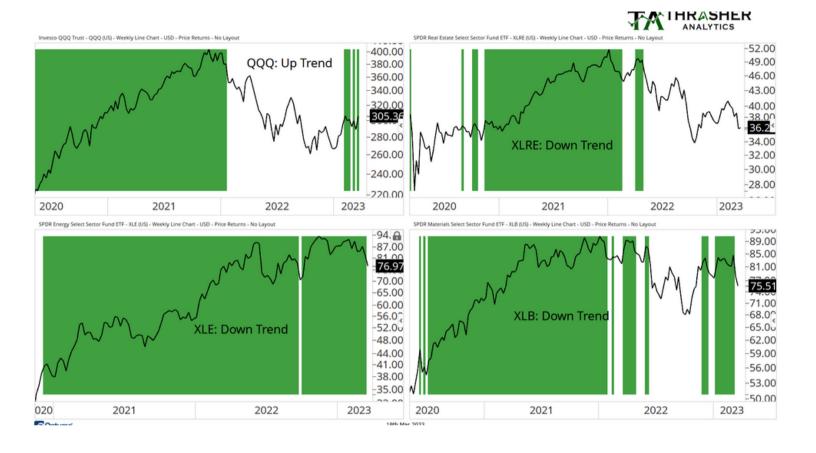
## **TREND MODELS**





# **TREND MODELS**







#### **DISCLAIMER:**

No reproduction, transmission, or distribution permitted without consent of Thrasher Analytics LLC ("Thrasher Analytics"). The material contained herein is the sole opinion of Thrasher Analytics. This research has been prepared using information sourced believed to be reliable. Such information has not been independently verified and no guarantee, representation or warranty, express or implied, is made as to its accuracy completeness or correctness. It is intended for the sole use by the receipt to whom it has been delivered to by Thrasher Analytics. The delivery of this report to any person shall not be deemed a recommendation by Thrasher Analytics to effect any transaction in any securities discussed herein. For more information please refer to our Terms & Service page of our website: http://thrasheranalytics.com/terms-of-service-agreement.