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Global Markets Overview

World Economic Conference

November 5-7, 2021

2021-11-17

GLOBAL EQUITIES

2021 WEC Global Markets Overview

DOW JONES (as of YEARLY close – 2020)

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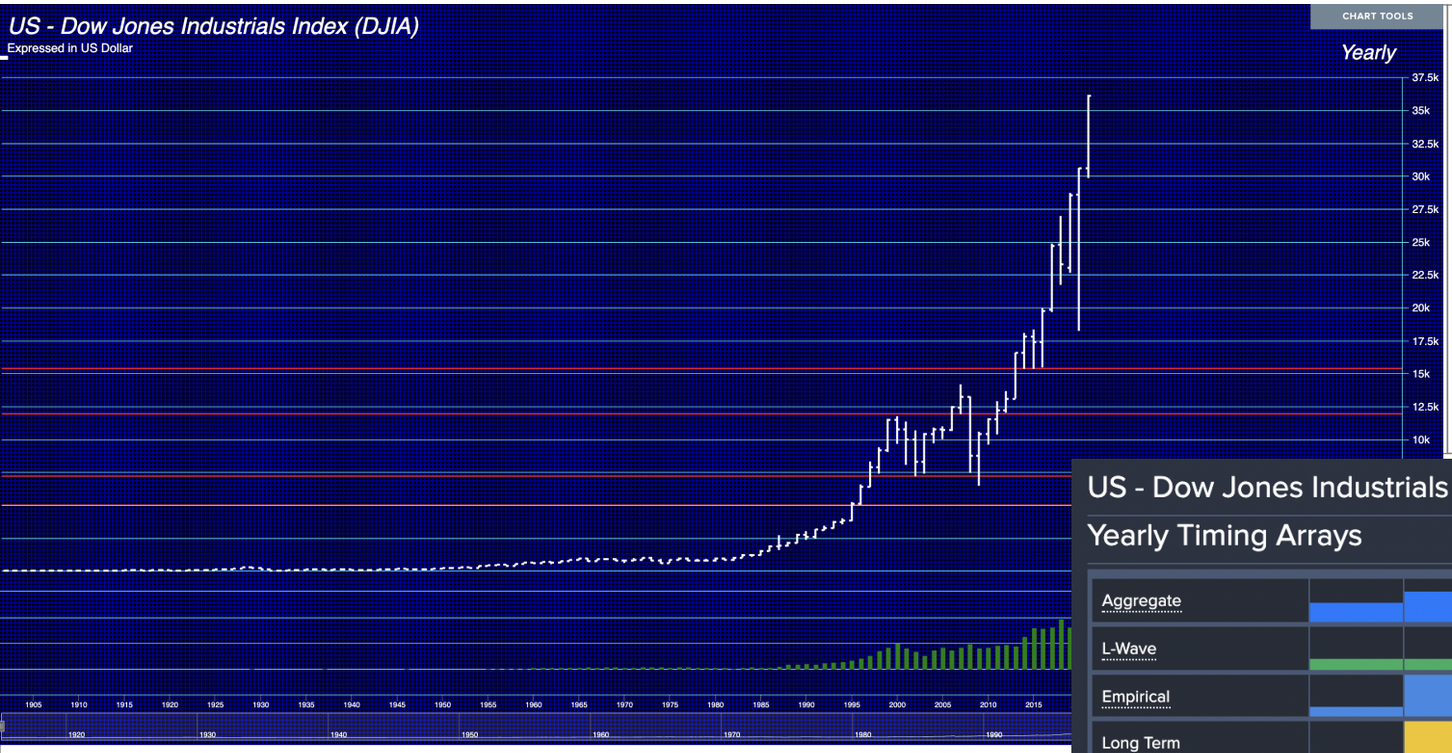
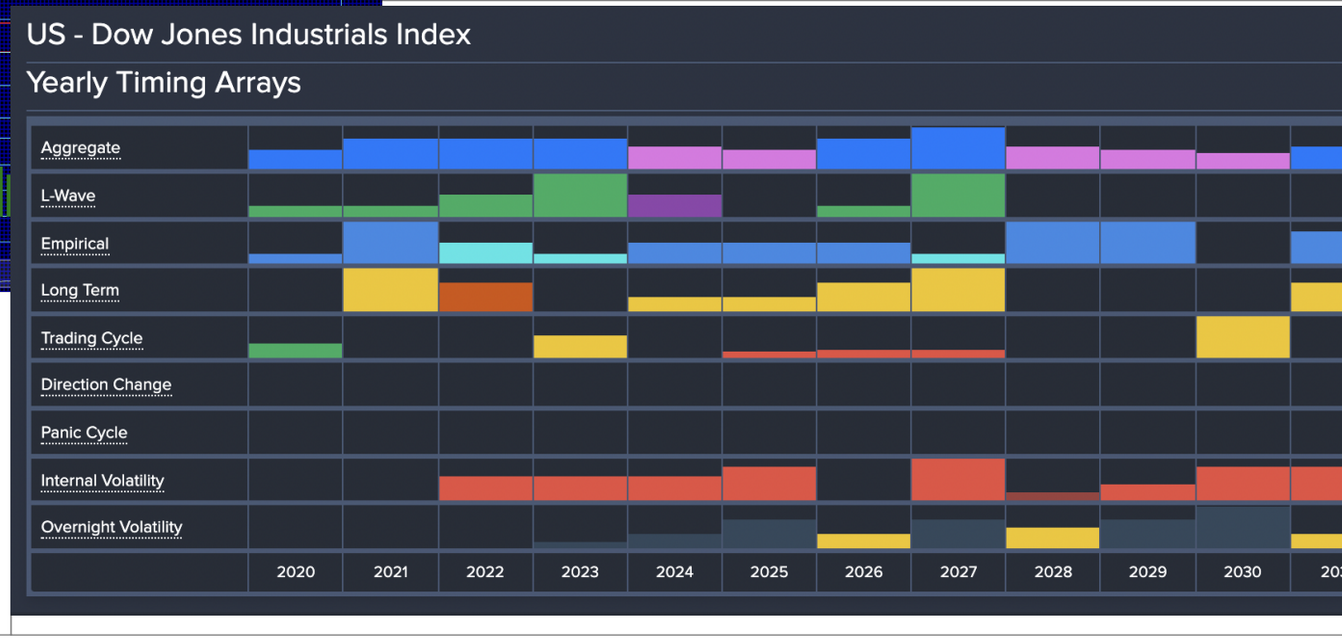


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		15,370.20	7,197.30
		11,939.50	5,014.40



Time-Level Indicating Ranges Table

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

DOW JONES (as of QUARTERLY close – Sept 2021)

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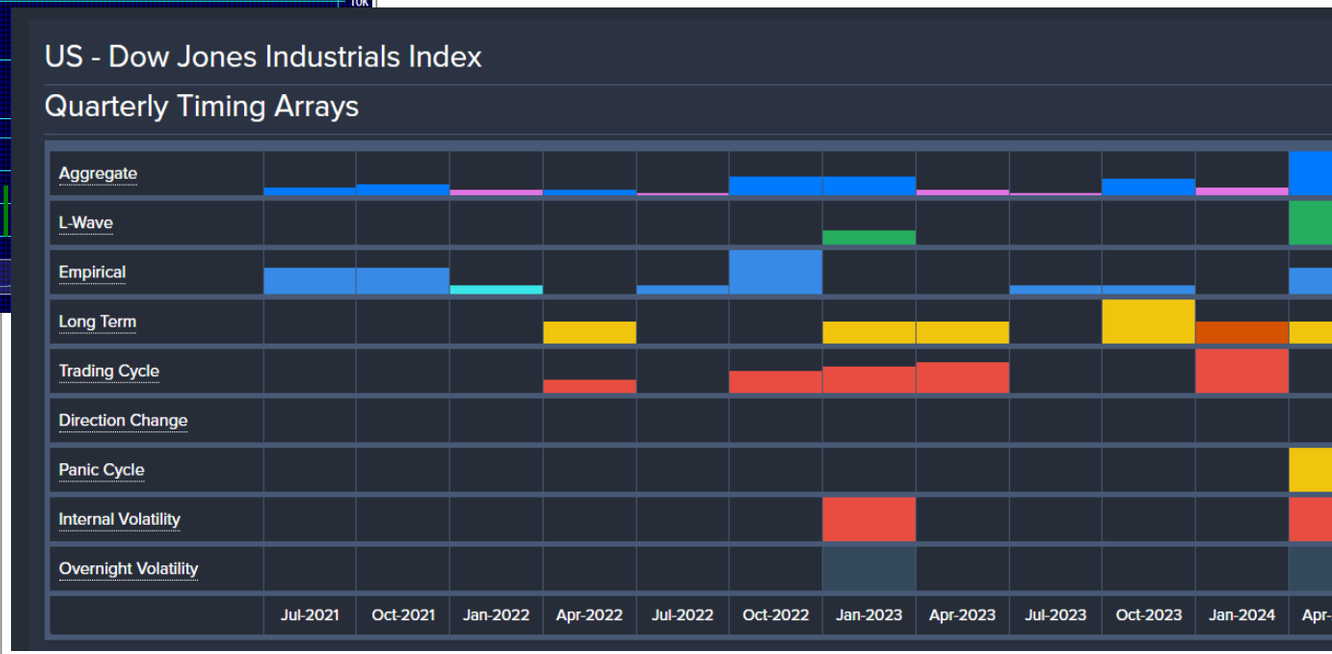
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		23,344.40	21,712.40
		18,213.50	19,677.80

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



DOW JONES (as of MONTHLY close – Oct 2021)

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Monthly Reversals

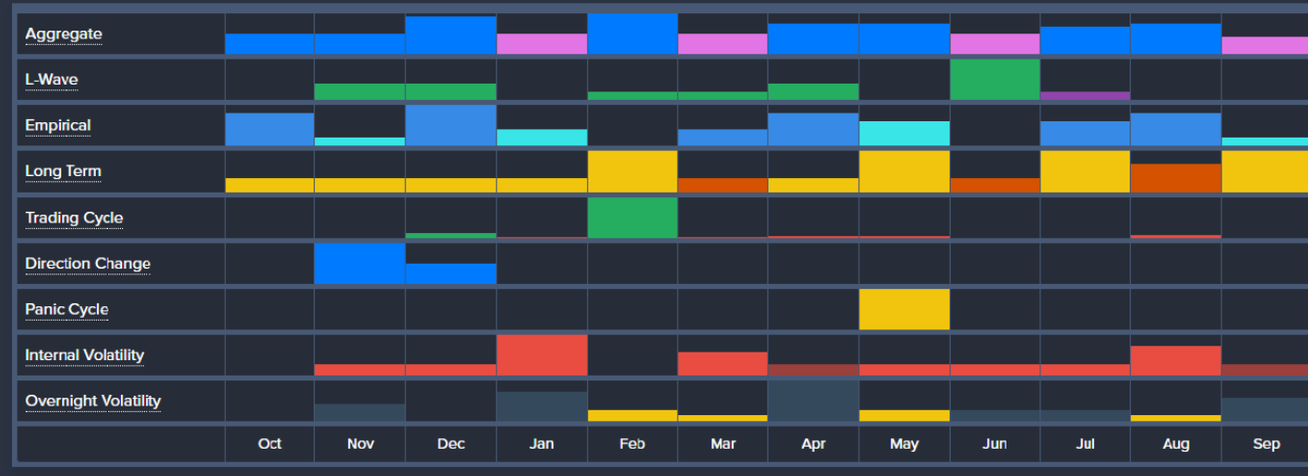
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		33,473.70	30,014.80
		26,537.00	29,599.10

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

US - Dow Jones Industrials Index

Monthly Timing Arrays



S&P 500 (as of YEARLY close – 2020)

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Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		1,258.70	788.80
		1,062.10	
		729.40	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

S&P 500 (as of QUARTERLY close – Sept 2021)

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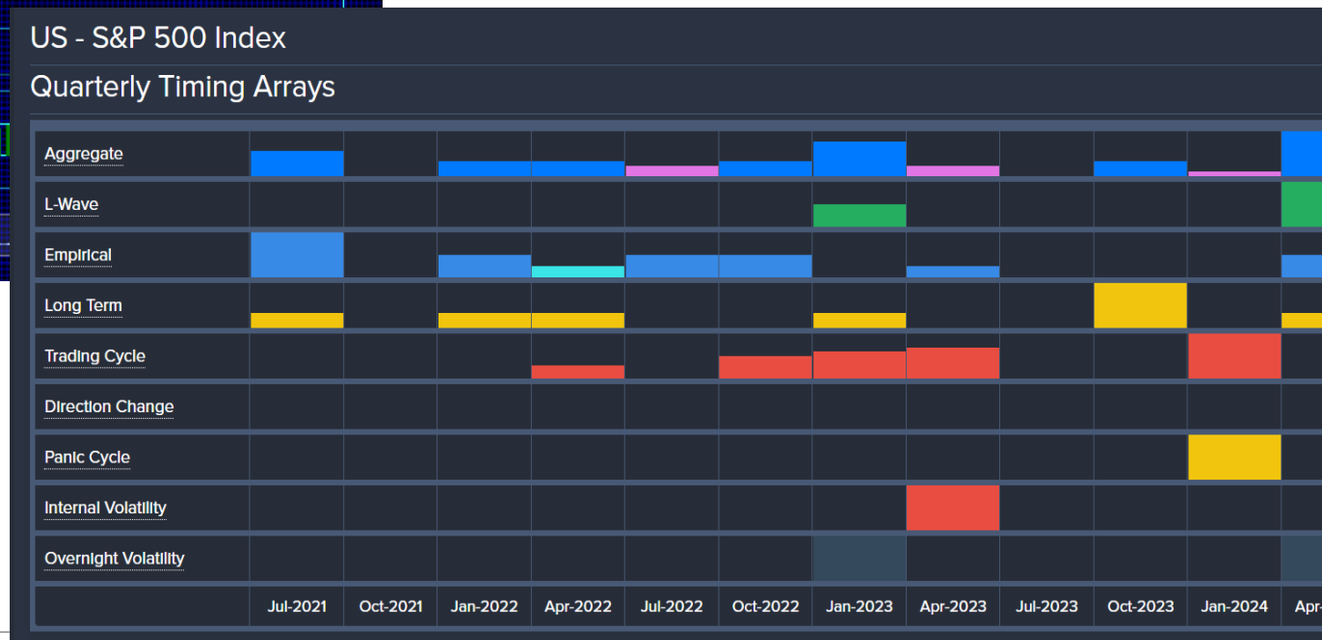
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		2,822.00	1,737.80
		2,407.60	
		1,893.60	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



S&P 500 (as of MONTHLY close – Oct 2021)

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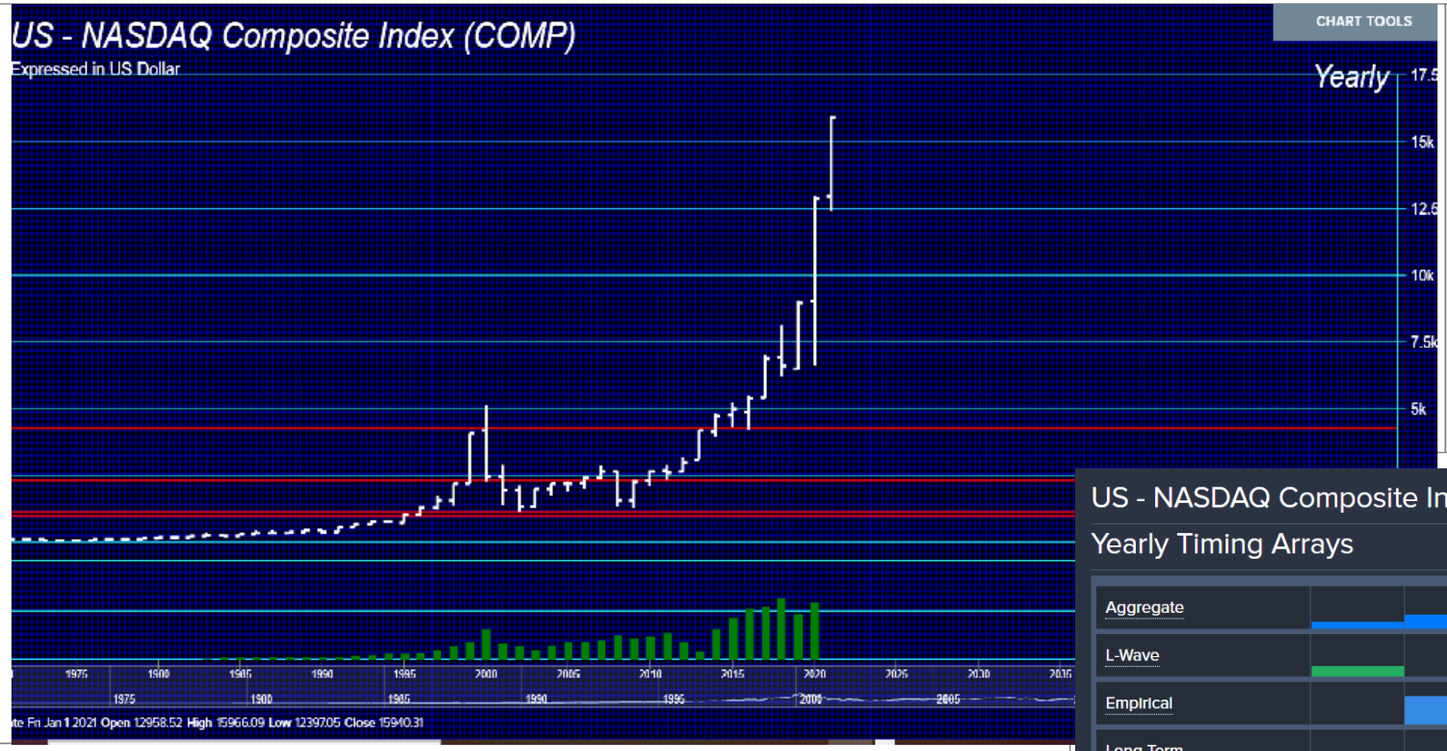
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		3,725.50	3,070.20
		3,050.60	
		2,965.50	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

NASDAQ COMP (as of YEARLY close – 2020)

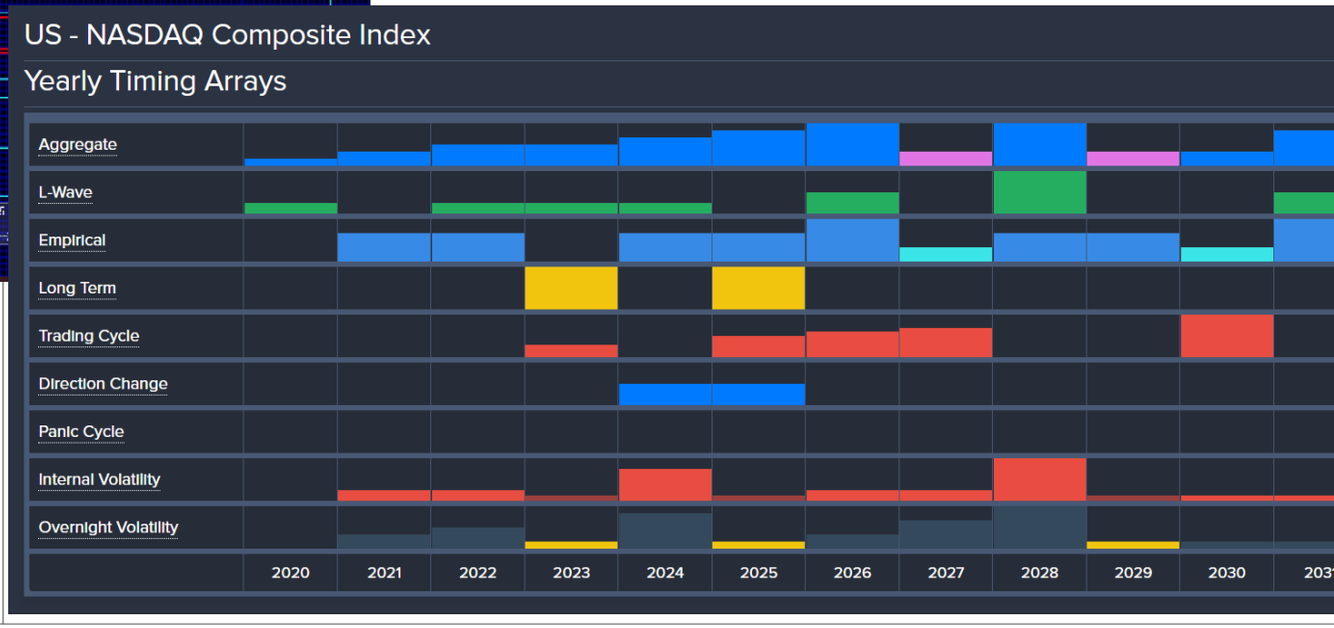


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		4,292.00	1,108.30
		2,331.40	
		977.60	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



NASDAQ COMP (as of QUARTERLY close – Sept 2021)

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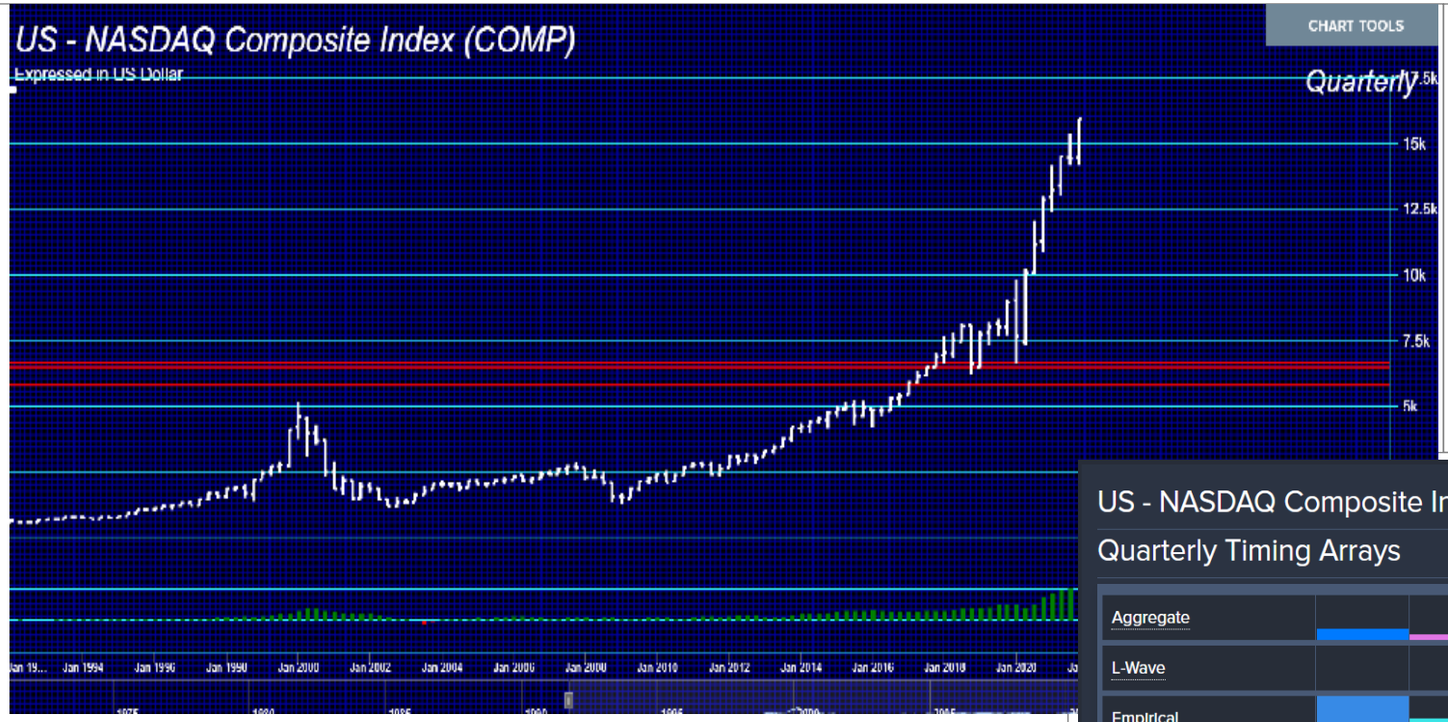


Quarterly Reversals

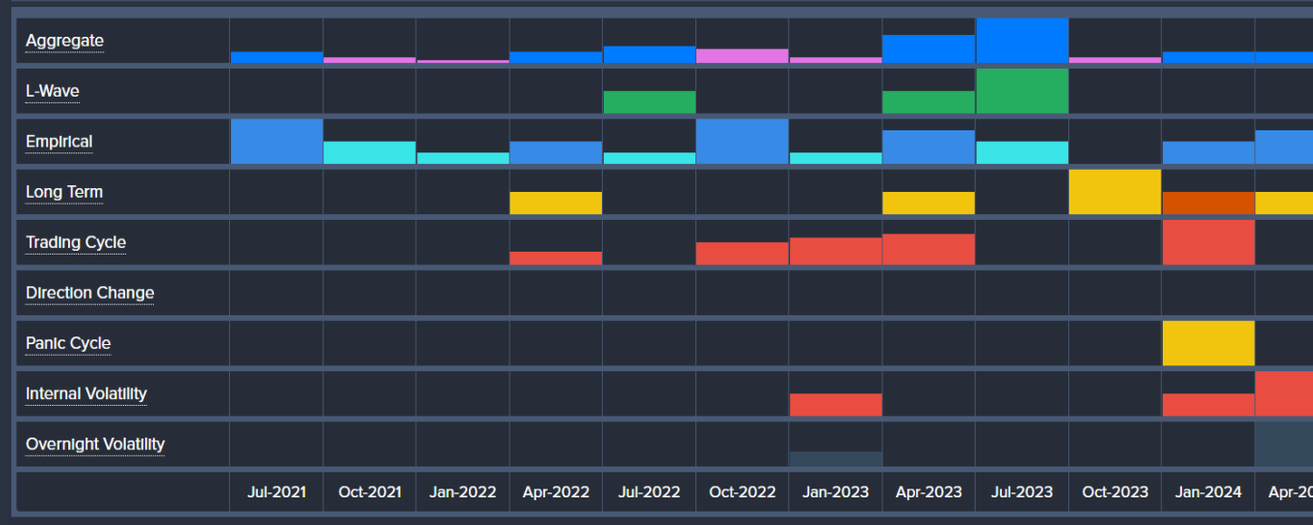
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		6,631.30	6,484.00
		6,630.50	5,805.00

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

US - NASDAQ Composite Index

Quarterly Timing Arrays



NASDAQ COMP (as of MONTHLY close – Oct 2021)

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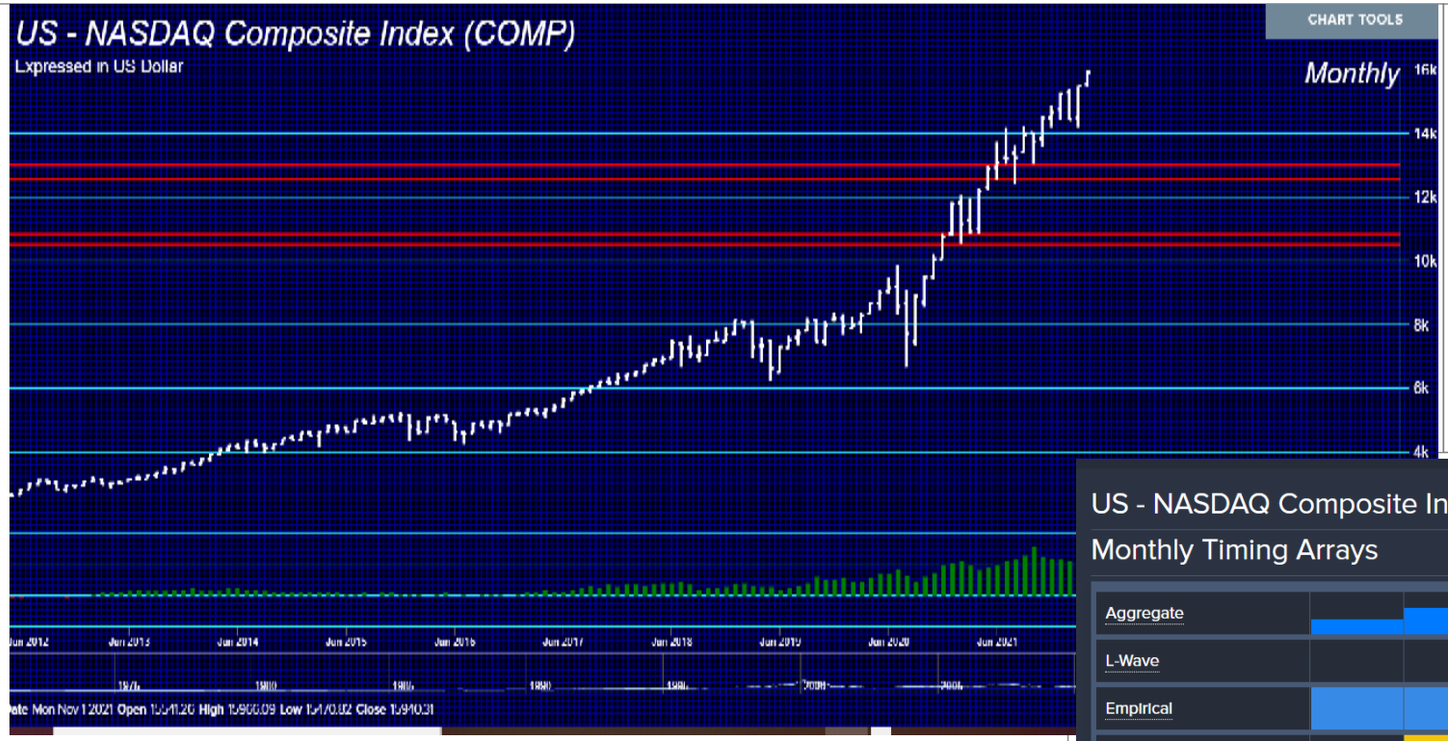
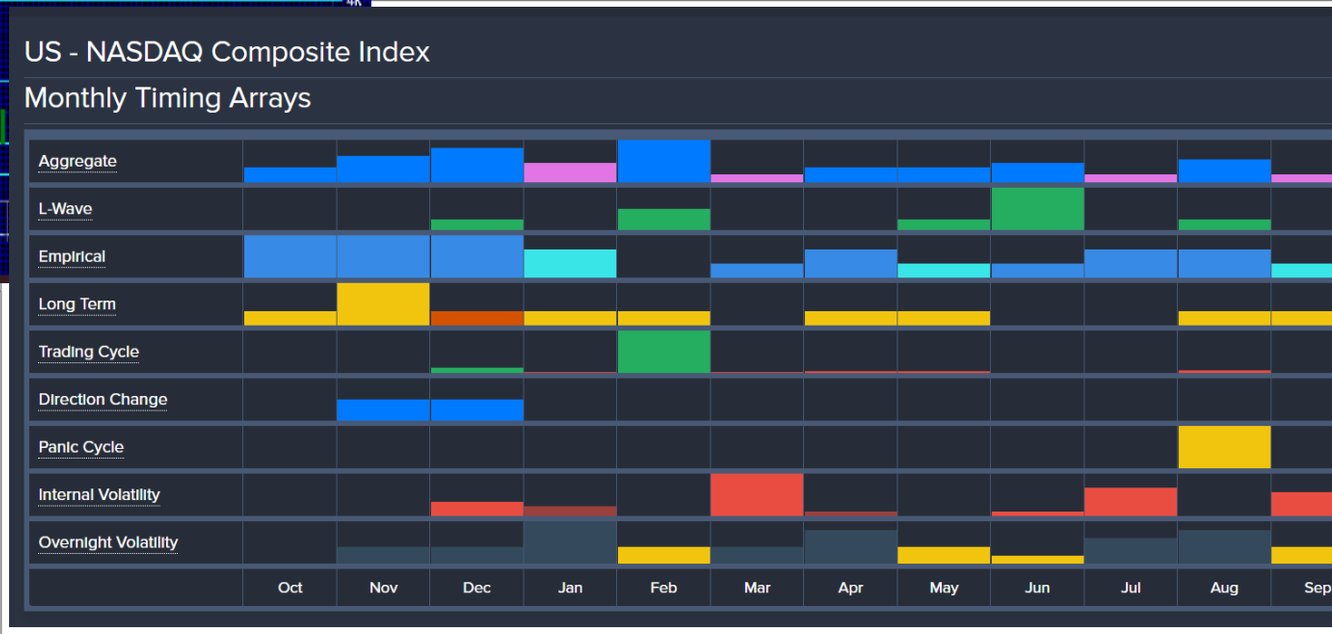


Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		13,002.40	12,543.10
		10,519.30	10,830.80

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change



TSX COMP (as of YEARLY close – 2020)

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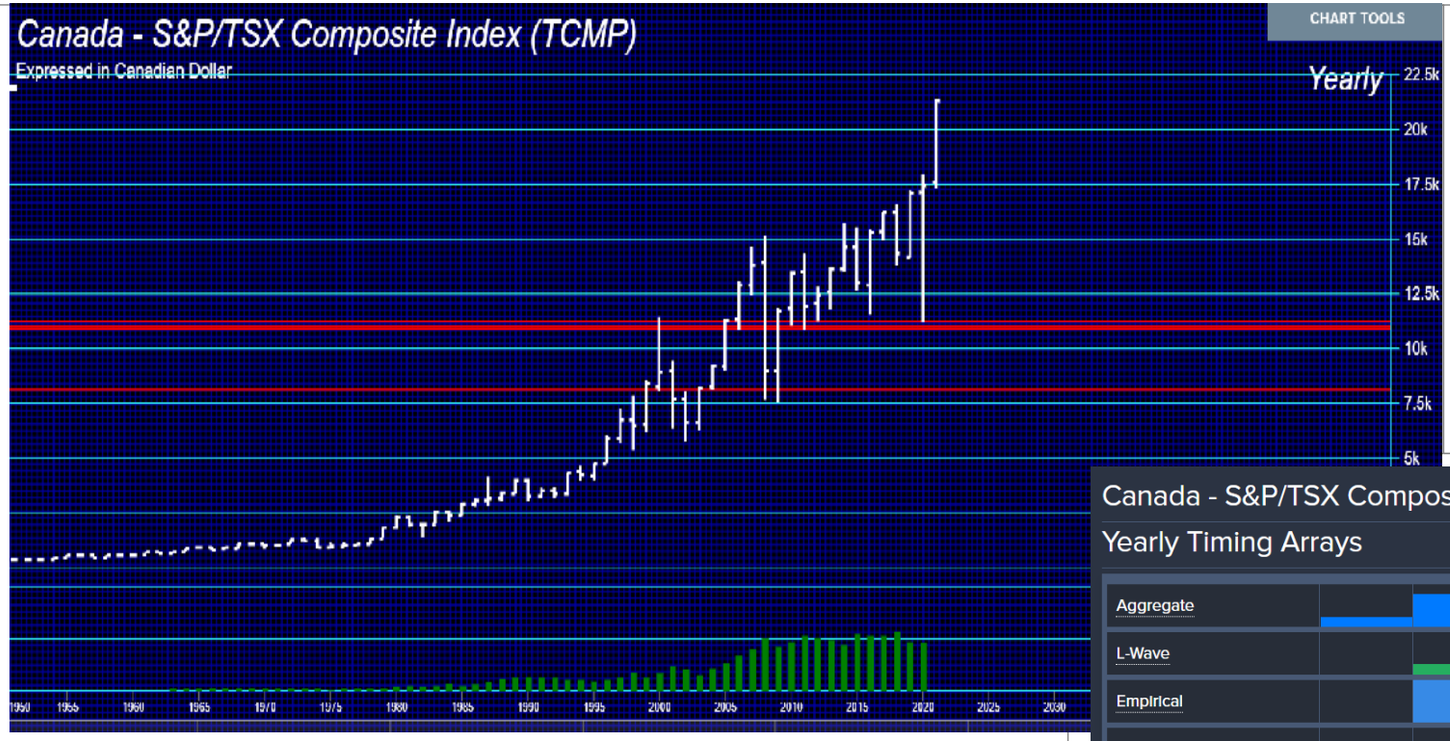

Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		11,209.50	10,990.30
		8,098.00	10,860.60

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

TSX COMP (as of QUARTERLY close – Sept 2021)

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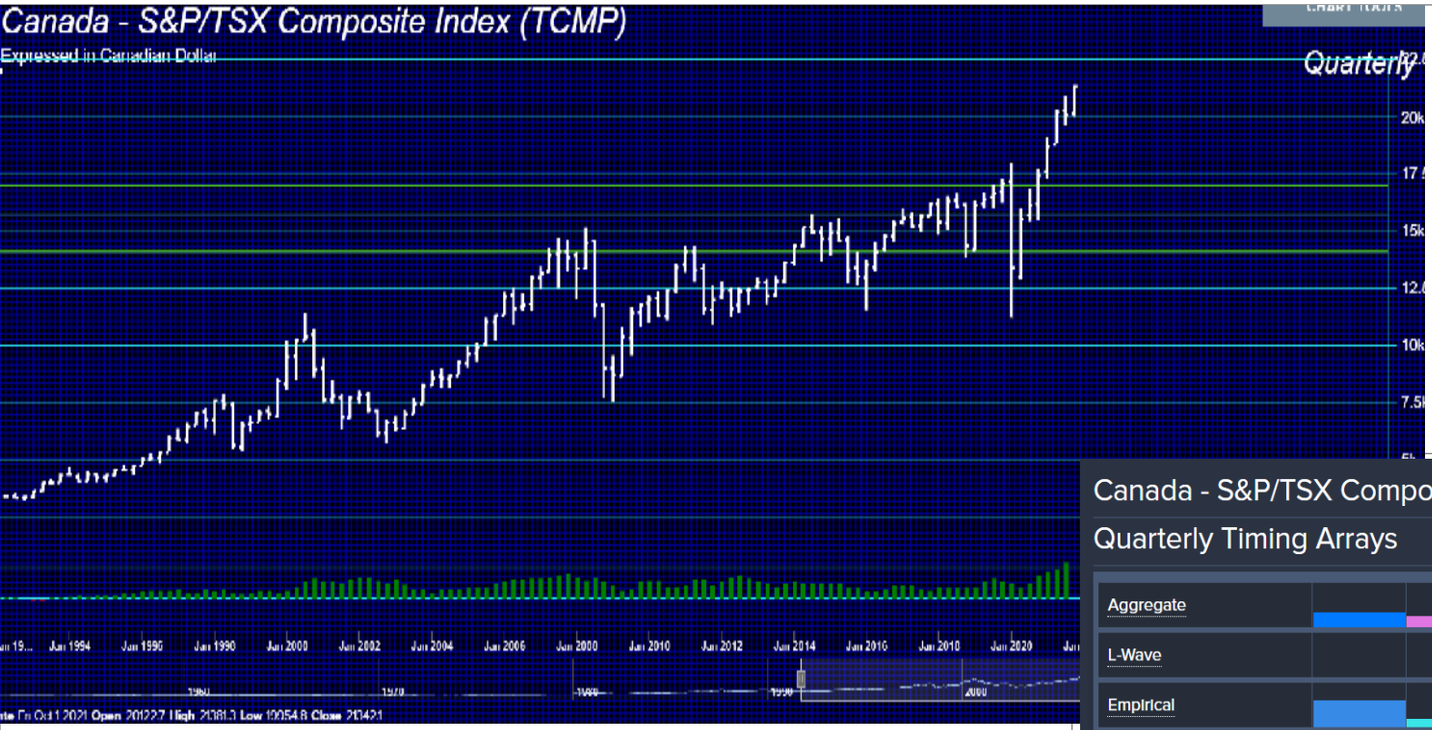


Quarterly Reversals

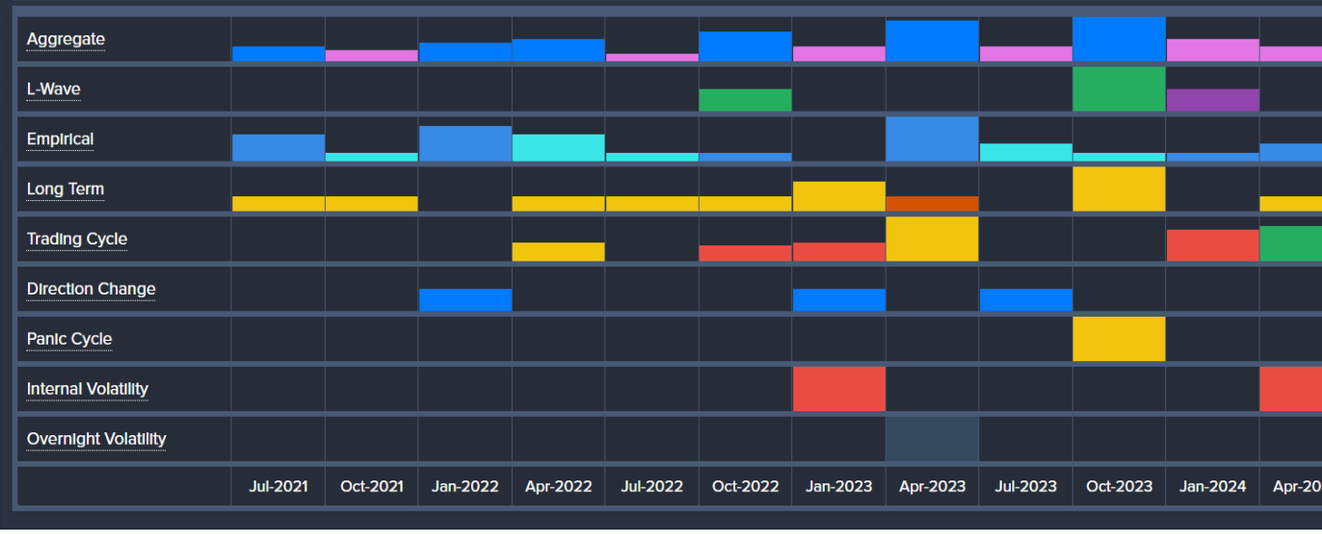
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	14,053.30	1,828.80	2,061.20
	15,693.00		1,812.40
	16,947.30		1,521.00
			1,355.60

Quarterly Indicating Ranges

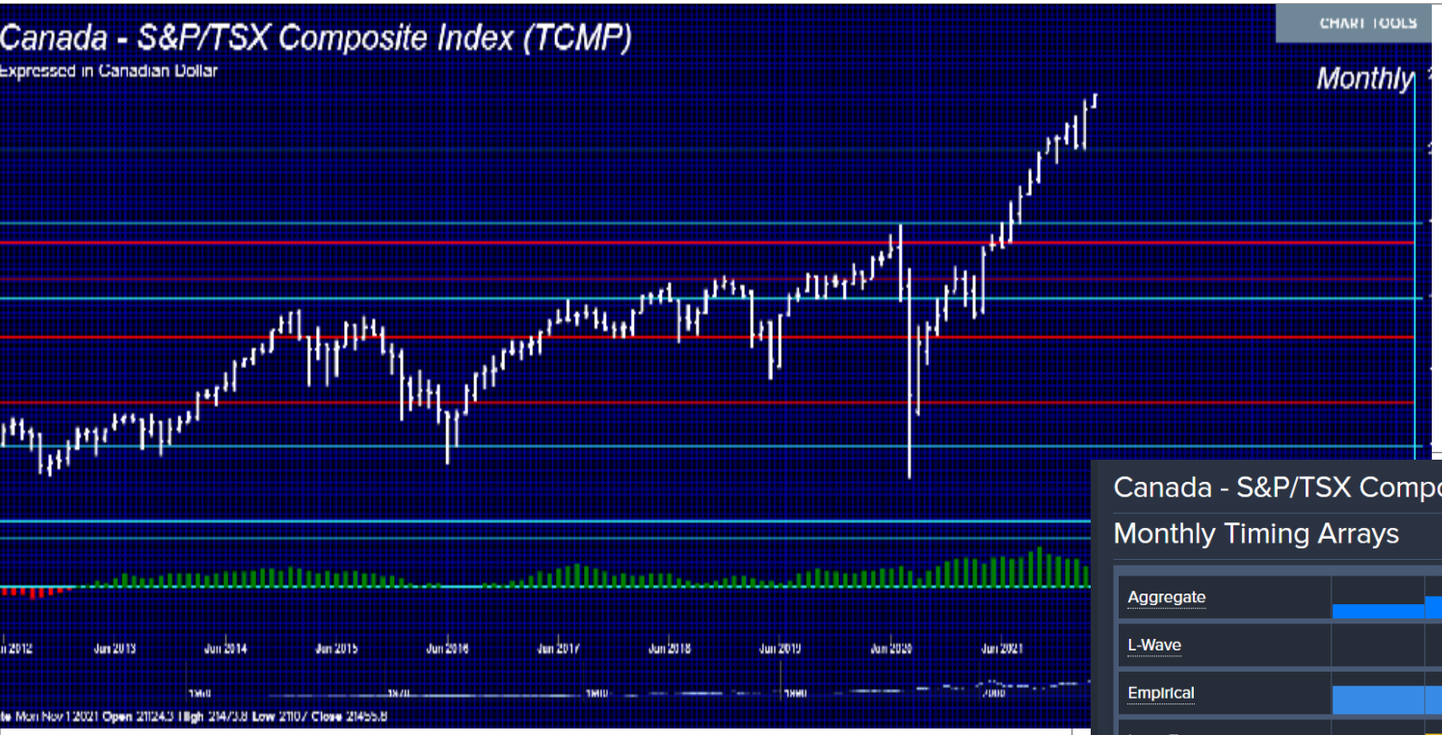
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 1 Quarter

Canada - S&P/TSX Composite Index

Quarterly Timing Arrays



TSX COMP (as of MONTHLY close – Oct 2021)



Monthly Reversals

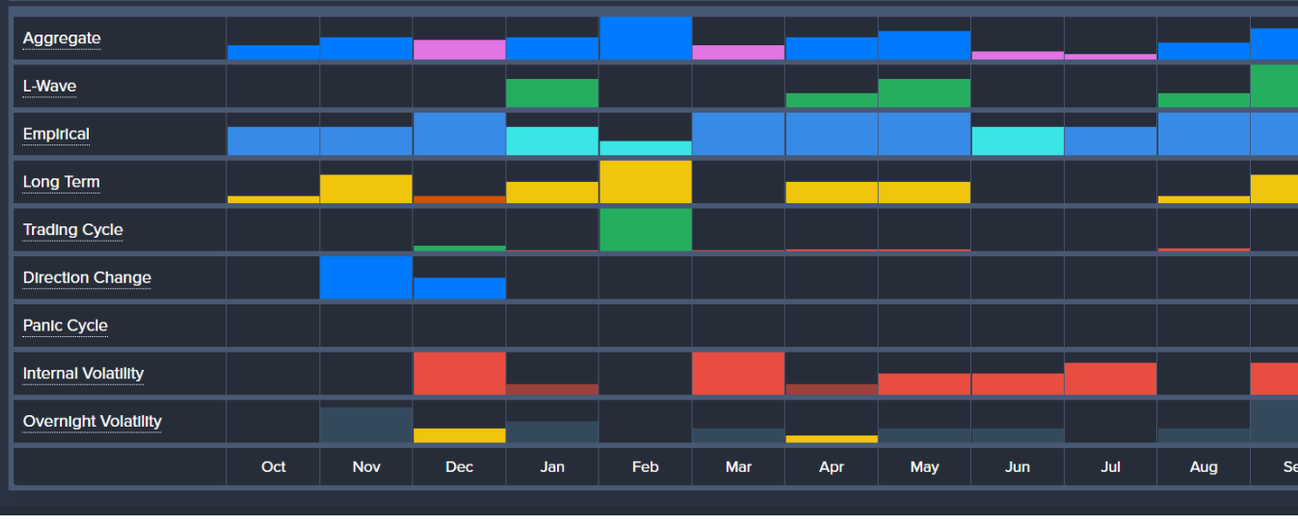
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		17,487.60	13,217.10
		16,534.80	
		14,934.60	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Canada - S&P/TSX Composite Index

Monthly Timing Arrays



STOXX 600 (as of YEARLY close – 2020)

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Yearly Reversals

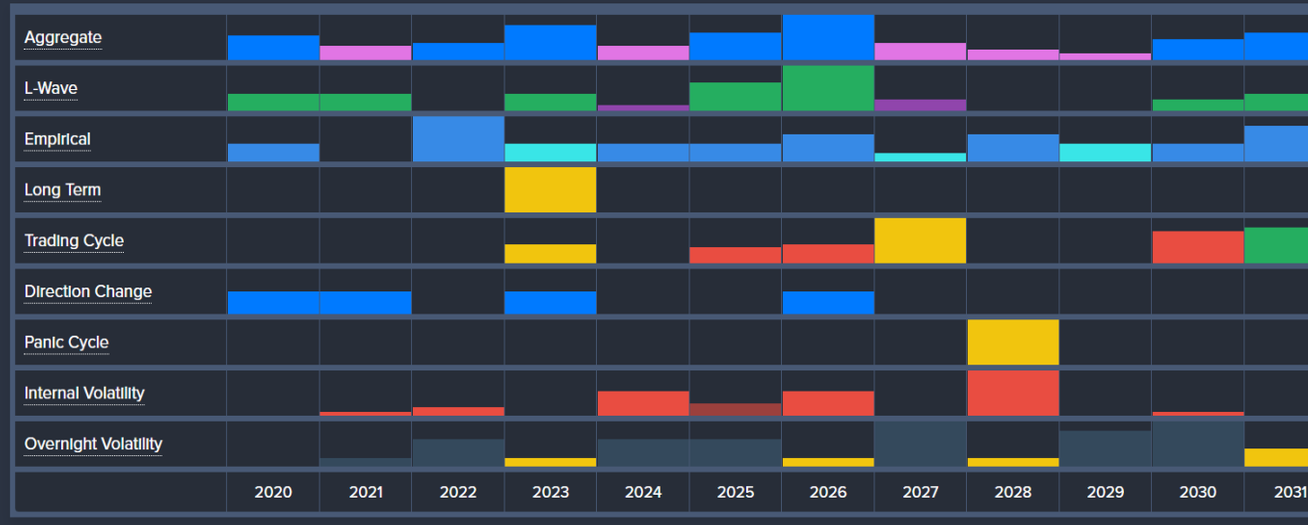
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		140.30	271.80
			209.10
			162.10

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

Europe - STOXX 600 Index

Yearly Timing Arrays



STOXX 600 (as of QUARTERLY close – Sept 2021)

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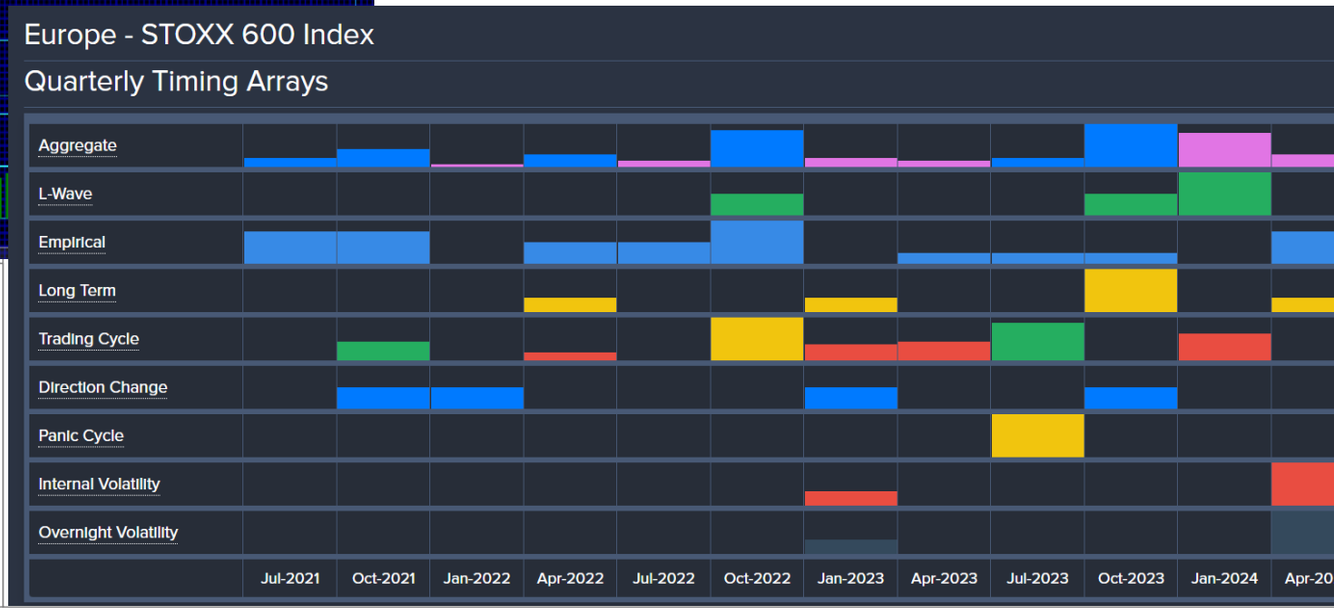
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		365.80	
		361.06	
		343.10	
		315.50	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



STOXX 600 (as of MONTHLY close – Oct 2021)

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Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		429.50	315.50
		381.50	
		378.00	
		318.80	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

FTSE (as of YEARLY close – 2020)

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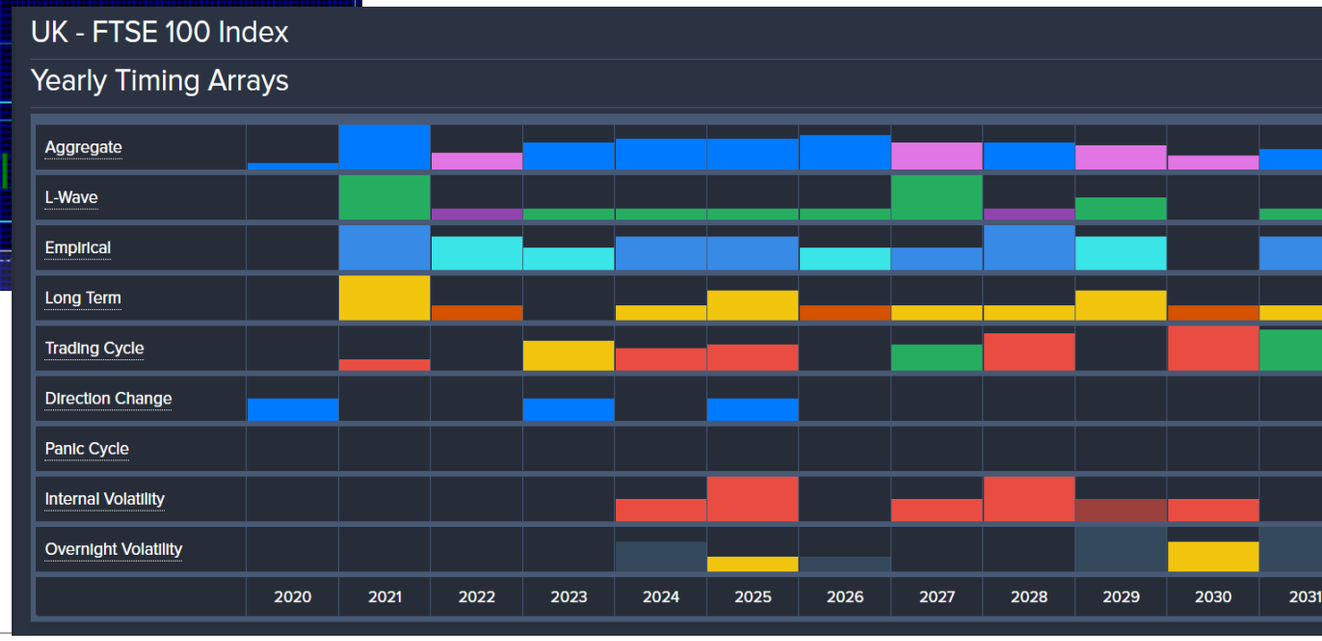
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		5,897.70	3,277.40
		3,609.80	
		3,460.60	
		2,949.30	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Bullish	Bearish	Down 1 Year



FTSE (as of QUARTERLY close – Sept 2021)

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Time-Level Full Screen Price Chart

with
Horizontal Reversal Lines
(M>H>R)

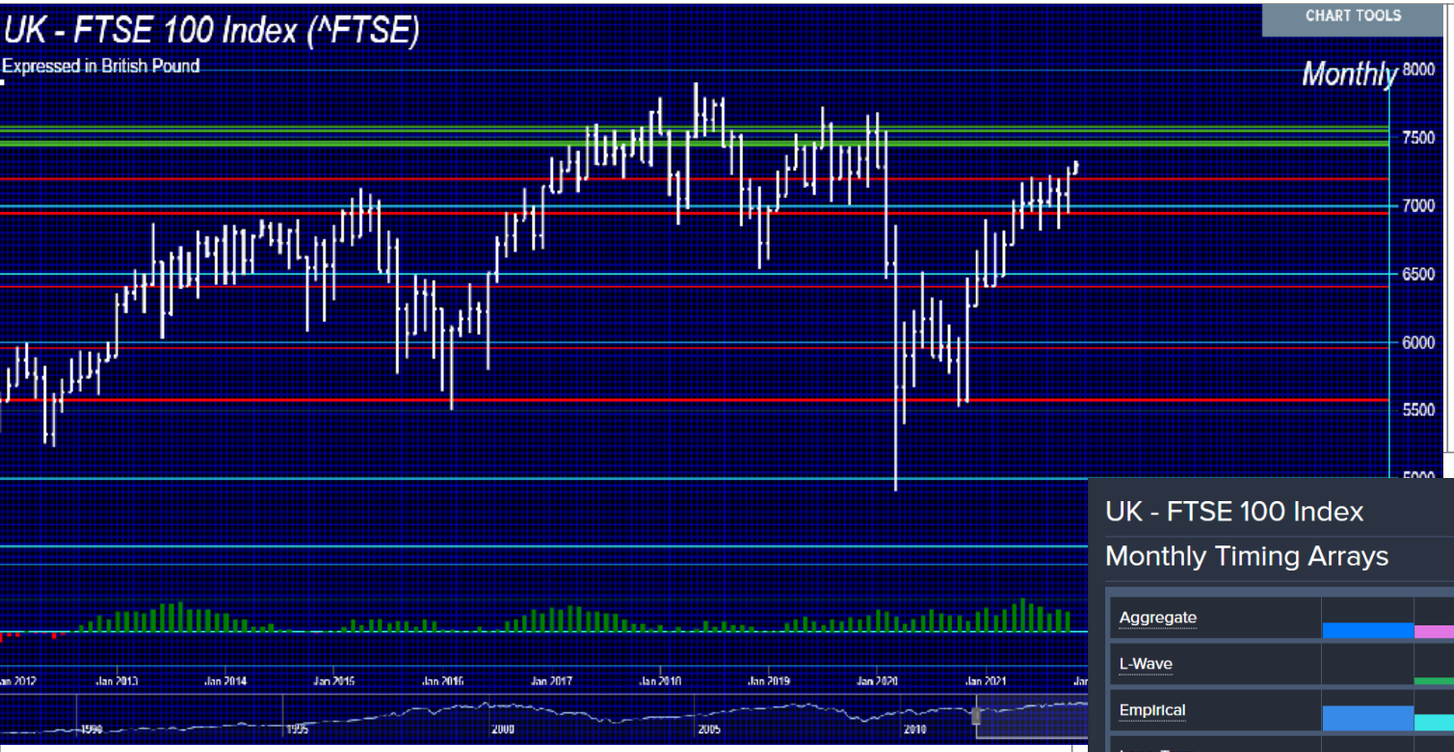
And
Energy Model
(M>T>E)

Time-Level Reversal Table
from “Dashboard” tab in Premium Tools

Time-Level Array Table
from ”Arrays” tab in Premium Tools

Time-Level Indicating Ranges Table
from “Dashboard” tab in Premium Tools

FTSE (as of MONTHLY close – Oct 2021)



Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
7,447.00	7,469.30	7,197.20	5,572.20
7,546.30	7,547.80	6,948.50	
	7,583.00	6,407.40	
		5,952.30	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Neutral	Bullish	No Change

UK - FTSE 100 Index

Monthly Timing Arrays

DAX (as of YEARLY close – 2020)

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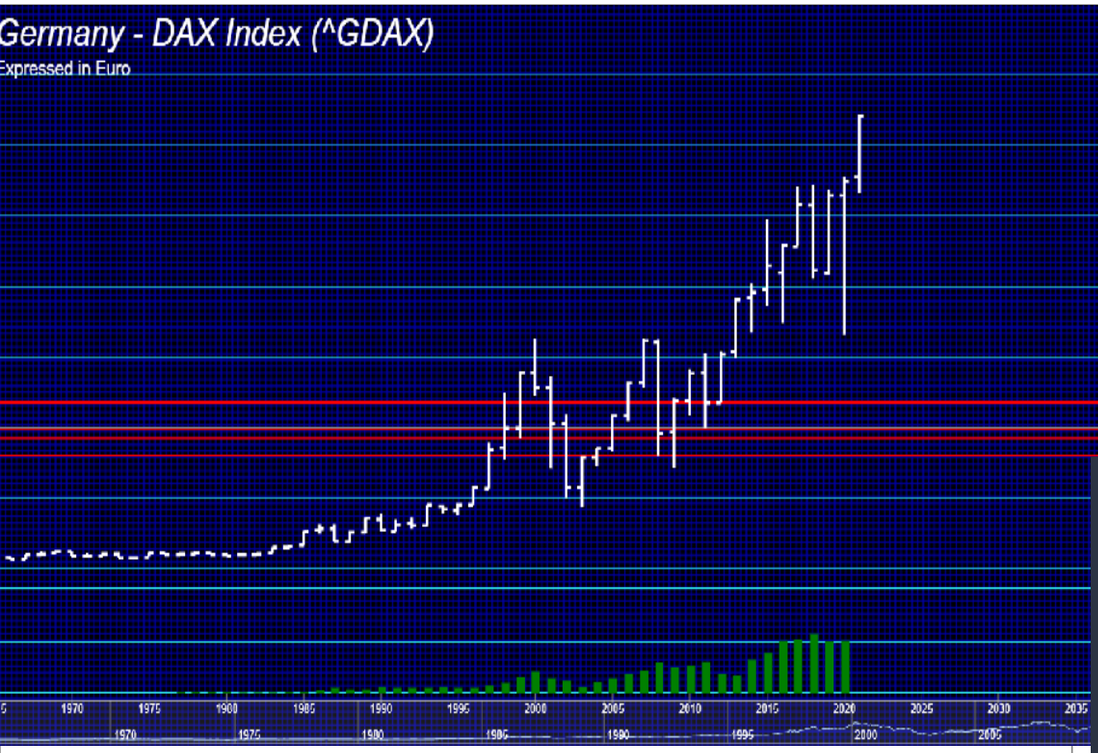

Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		5,900.00	4,965.70
			4,605.10
			4,014.50

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

DAX (as of QUARTERLY close – Sept 2021)

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Quarterly Reversals

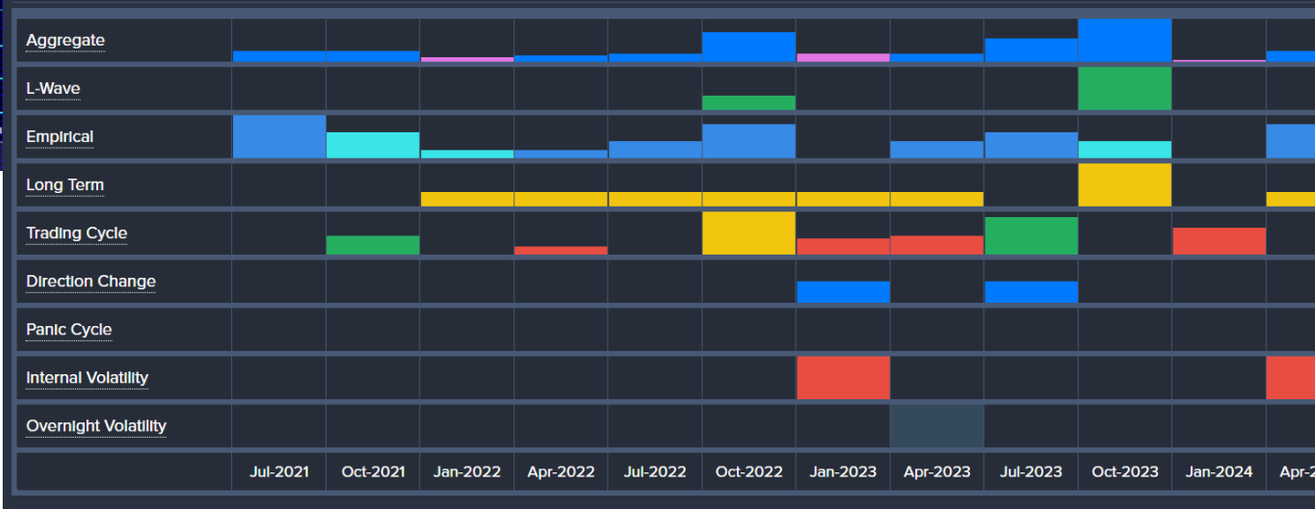
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		11,868.70	8,913.10
		11,266.30	
		9,325.04	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Germany - DAX Index

Quarterly Timing Arrays



DAX (as of MONTHLY close – Oct 2021)

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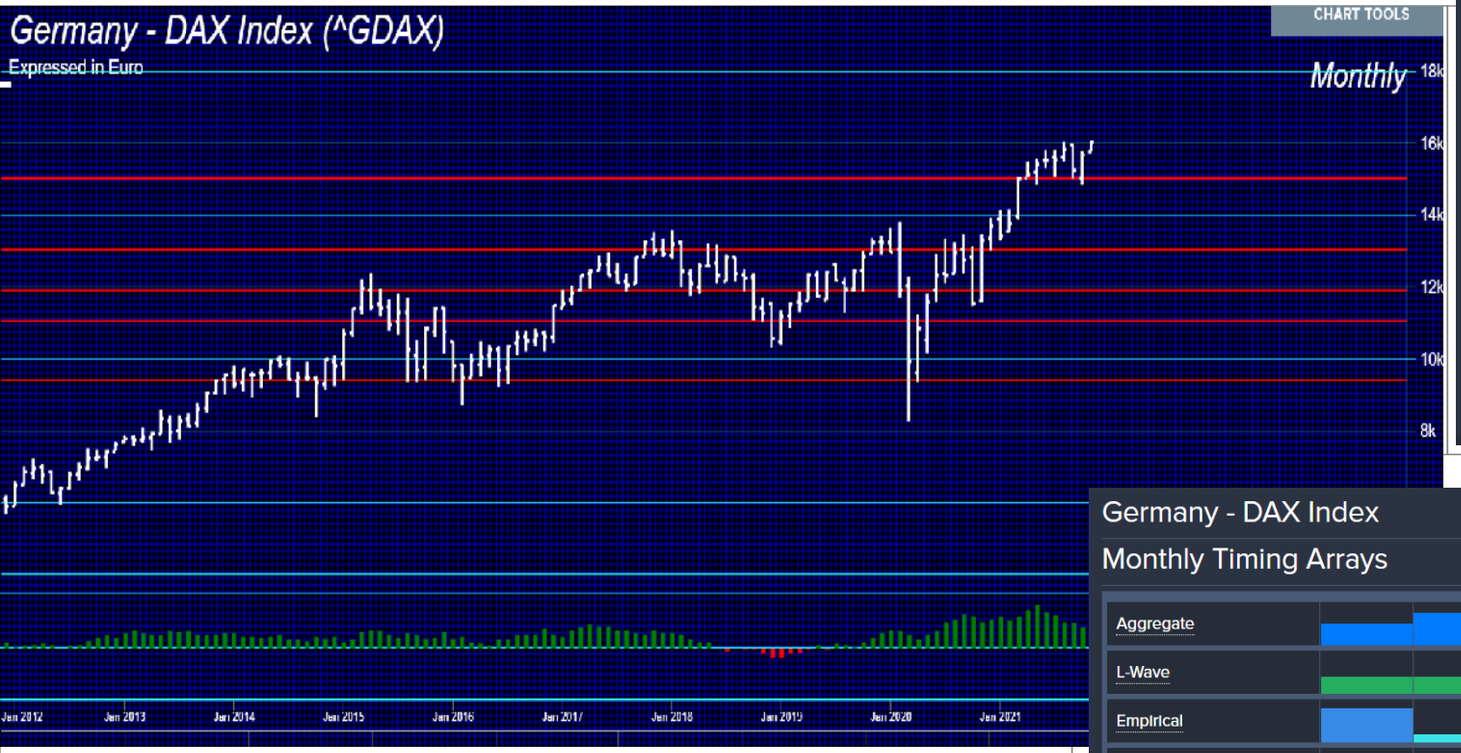


Monthly Reversals

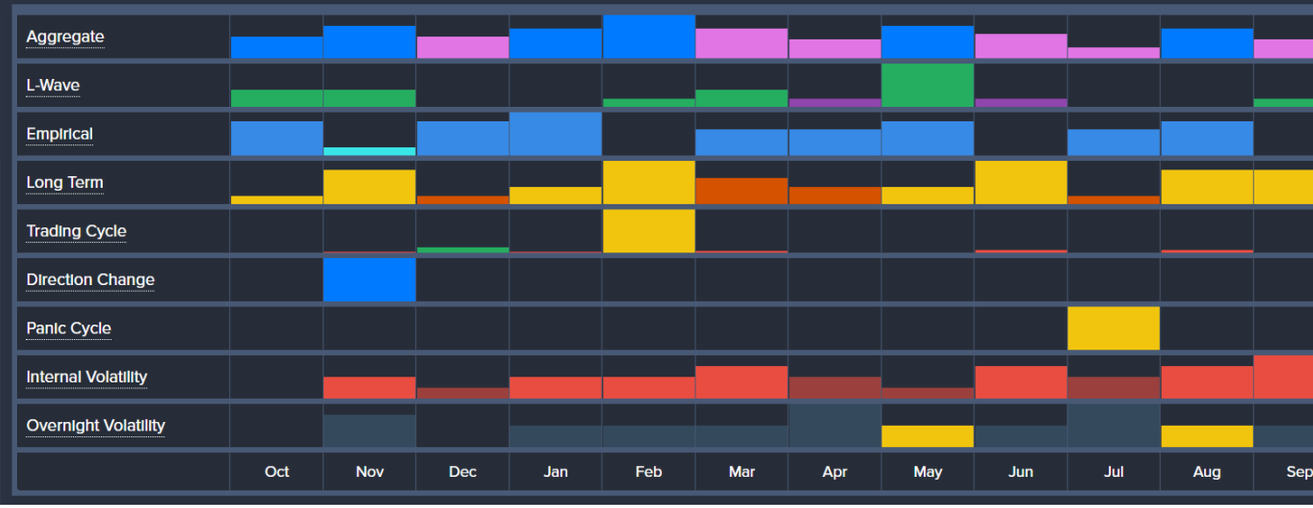
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		15,032.40	11,051.03
		13,009.30	9,407.08
		11,869.10	

Monthly Indicating Ranges

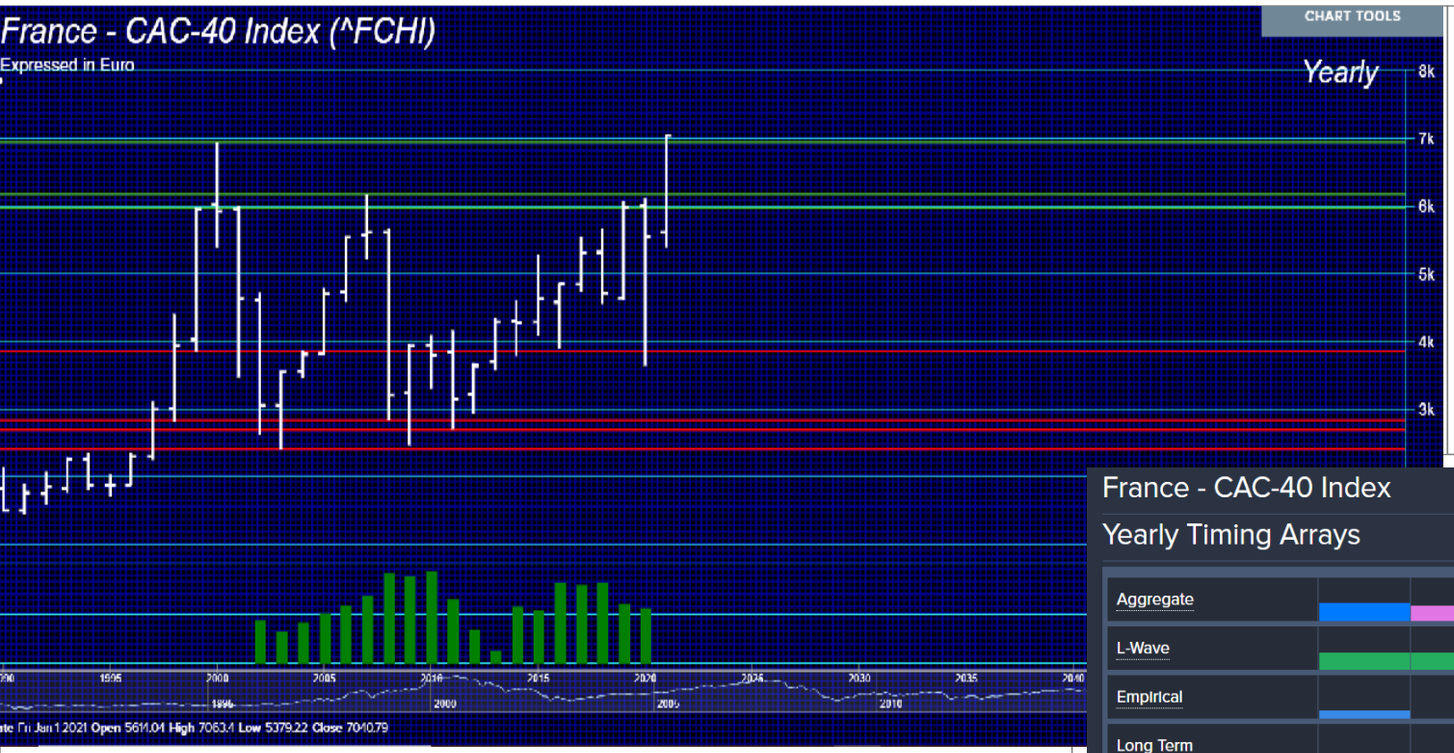
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Bullish	Bearish	No Change

Germany - DAX Index

Monthly Timing Arrays



CAC-40 (as of YEARLY close – 2020)

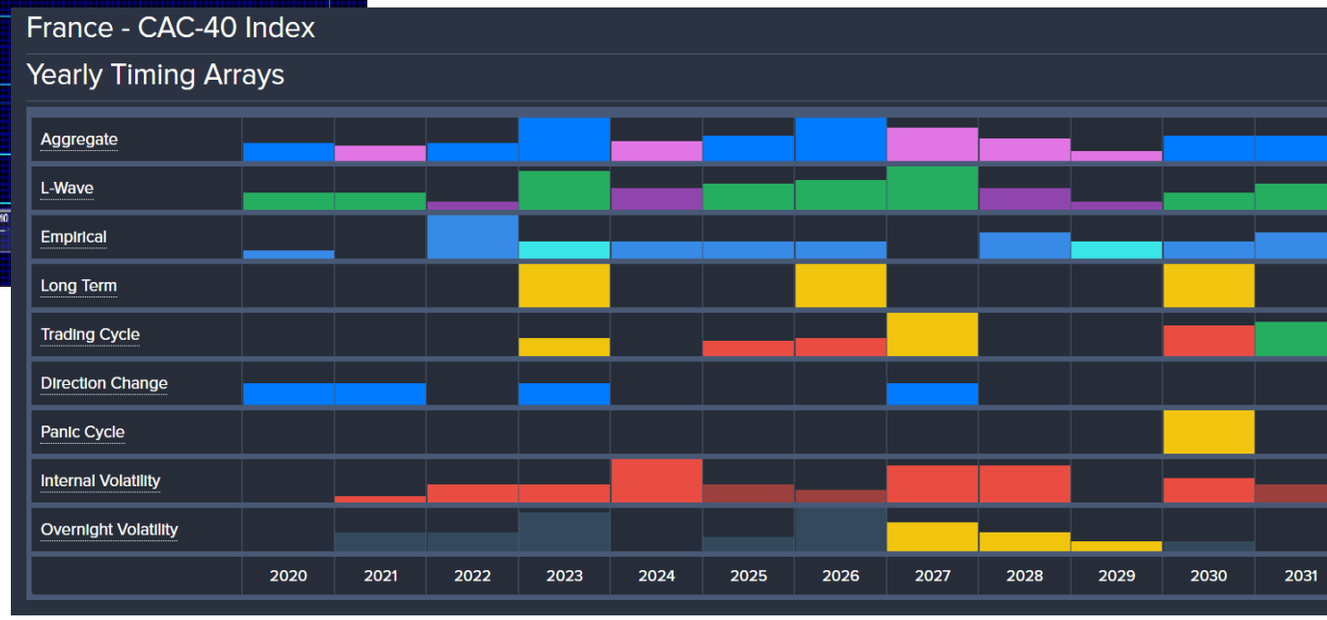


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
5,979.60	6,168.20	2,401.00	3,845.60
	6,944.80		2,838.40
			2,693.10

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change



CAC-40 (as of QUARTERLY close – Sept 2021)

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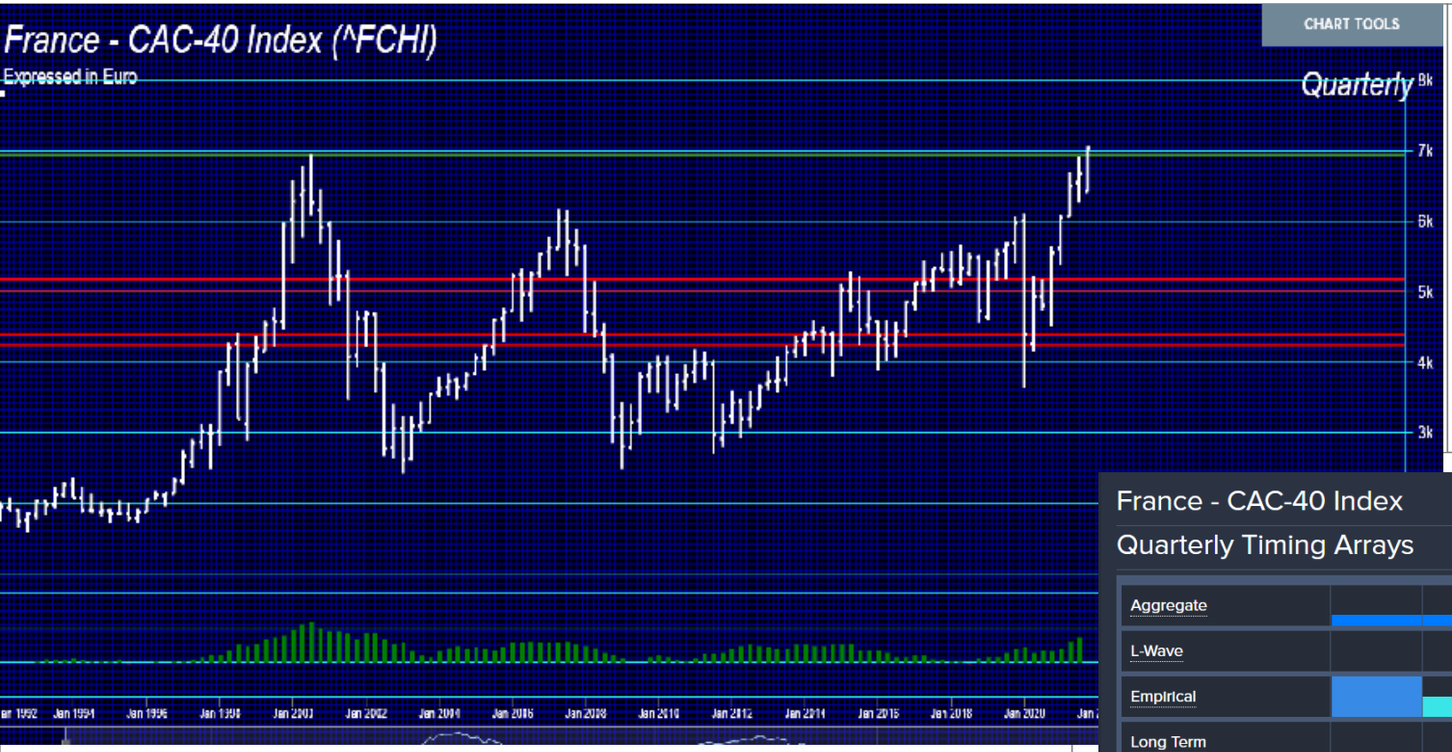
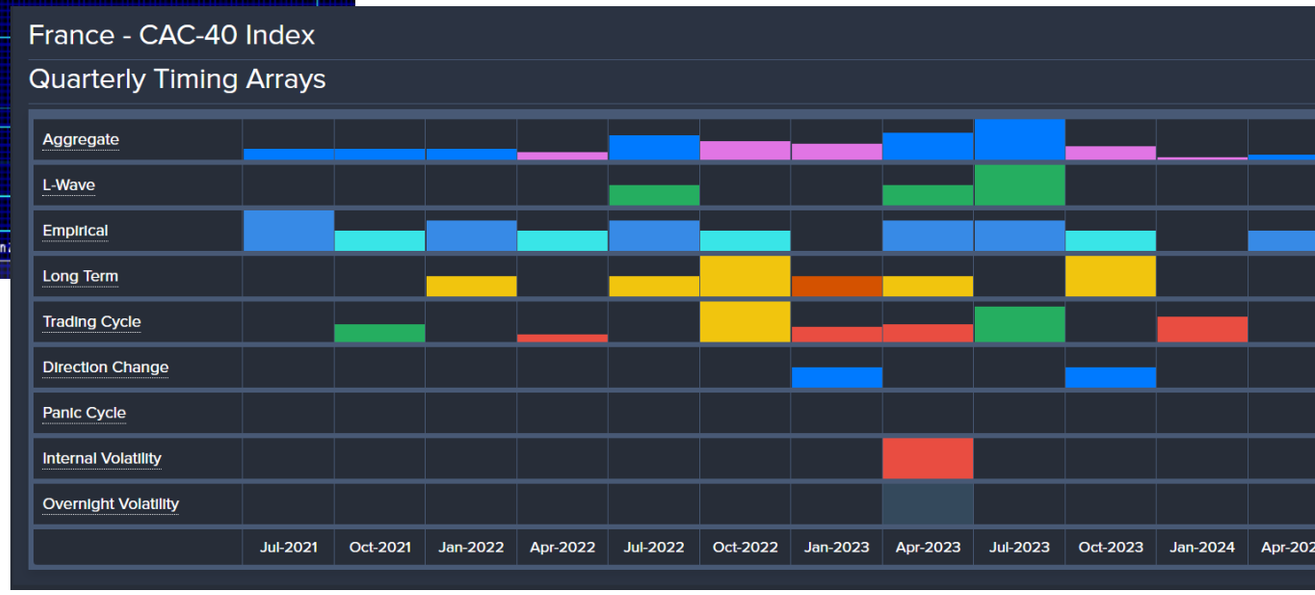


Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	6,944.80	5,170.60	4,230.30
		4,995.06	
		4,386.00	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



CAC-40 (as of MONTHLY close – Oct 2021)

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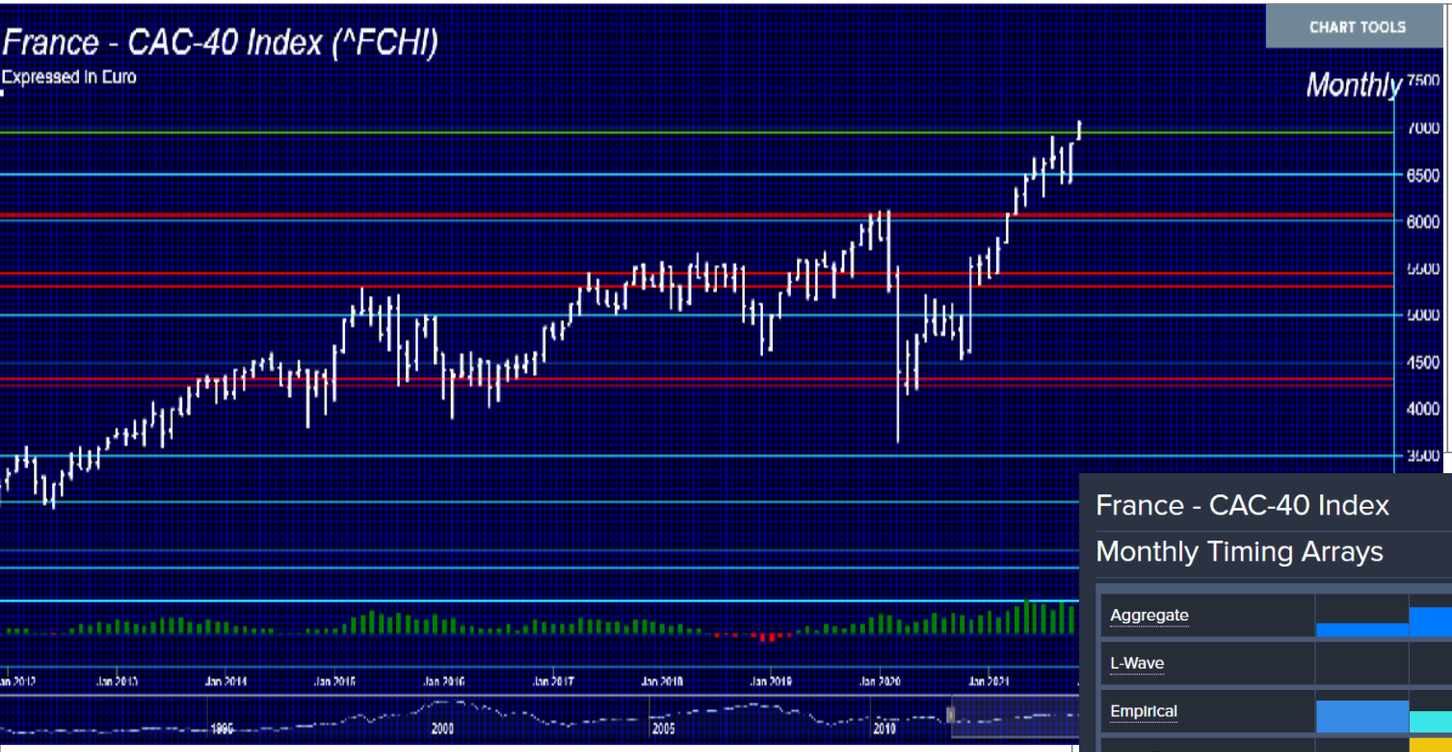


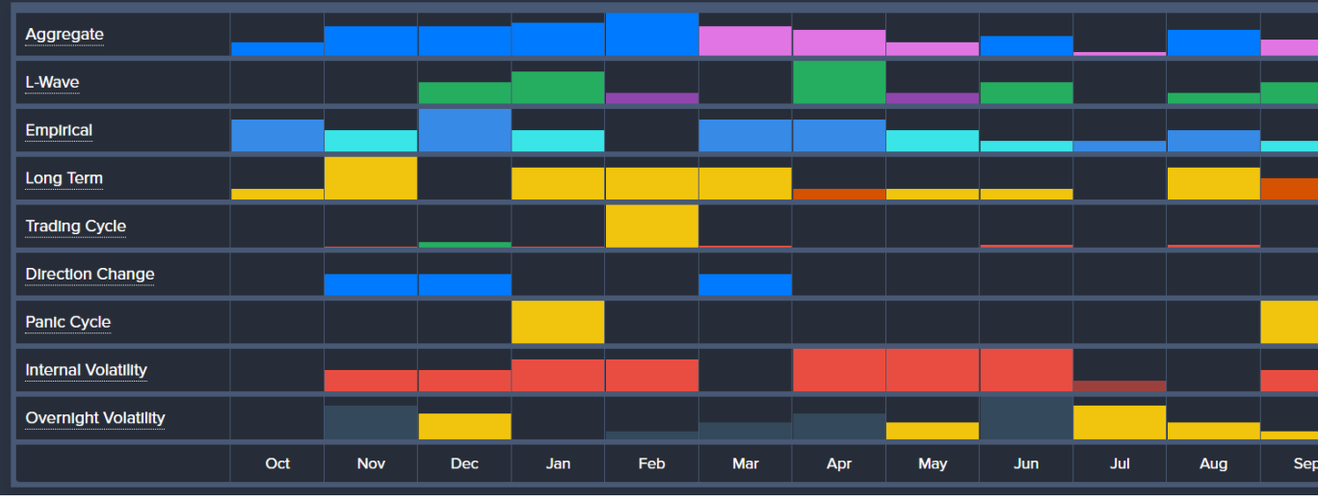
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	6,944.80	6,063.70	4,310.70
		5,441.00	4,230.30
		5,306.40	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

France - CAC-40 Index
Monthly Timing Arrays



NIKKEI (as of YEARLY close – 2020)

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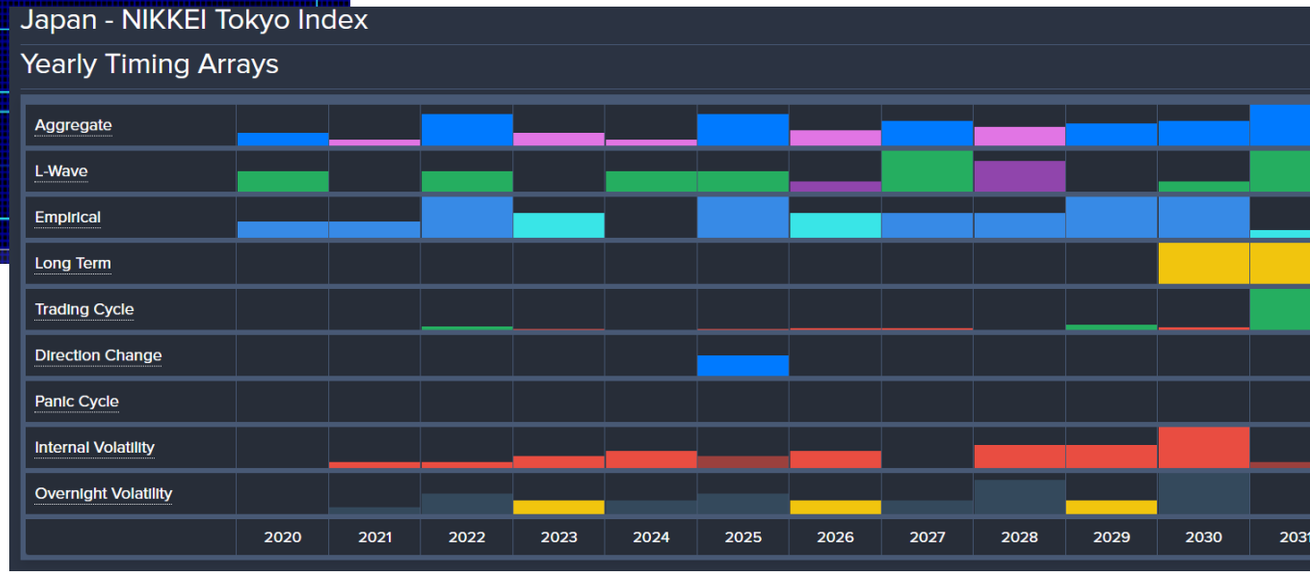
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	30,264.40	14,488.10	14,194.30
	38,950.80	10,299.30	13,122.50

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



NIKKEI (as of QUARTERLY close – Sept 2021)

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Quarterly Reversals

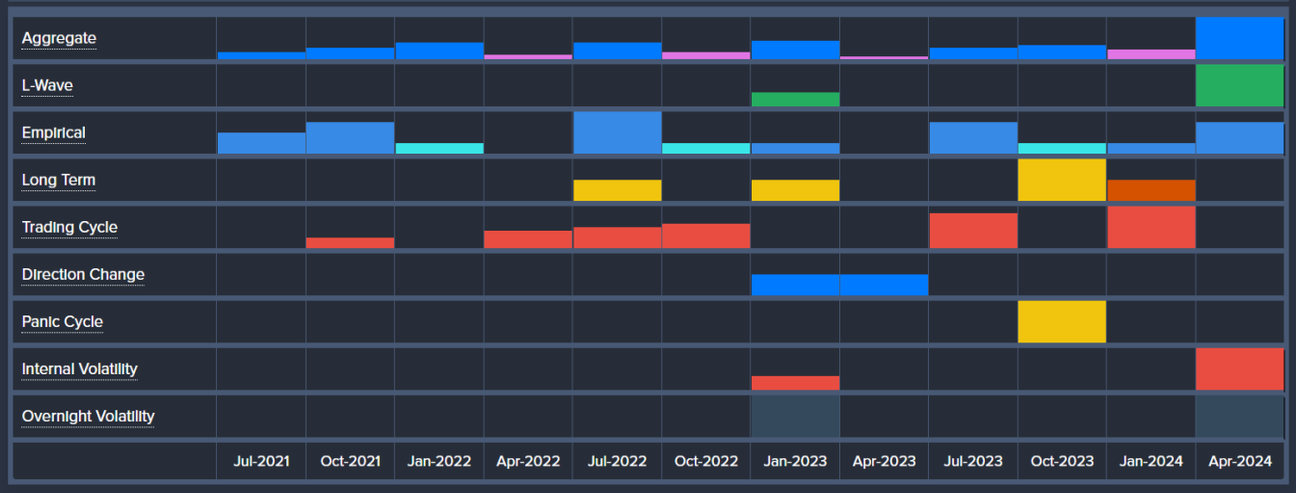
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
33,345.00	38,957.50	19,241.20	15,106.40
		18,927.80	
		18,650.20	
		16,358.00	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

Japan - NIKKEI Tokyo Index

Quarterly Timing Arrays



NIKKEI (as of MONTHLY close – Oct 2021)

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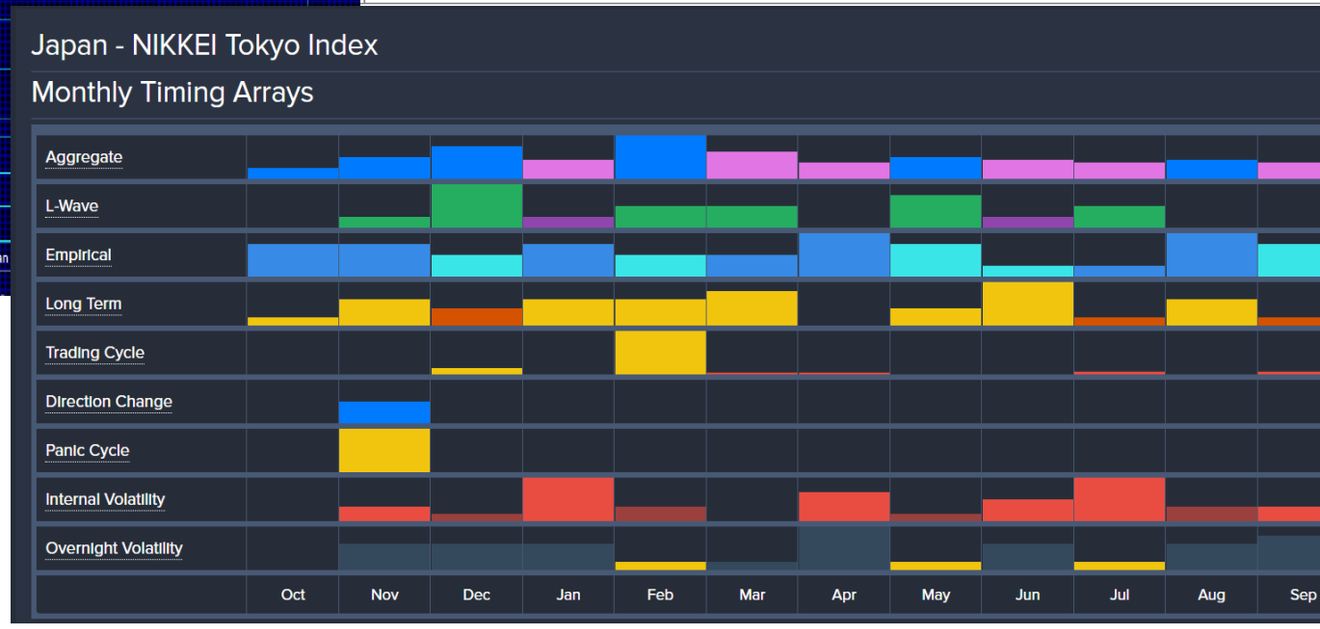
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
31,371.60	29,579.90	27,385.02	22,948.30
	30,486.00	27,002.00	21,529.70
	30,524.20		21,276.00
	33,345.00		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Neutral	Bullish	Bullish	Bearish	No Change



SHANGHAI (as of YEARLY close – 2020)

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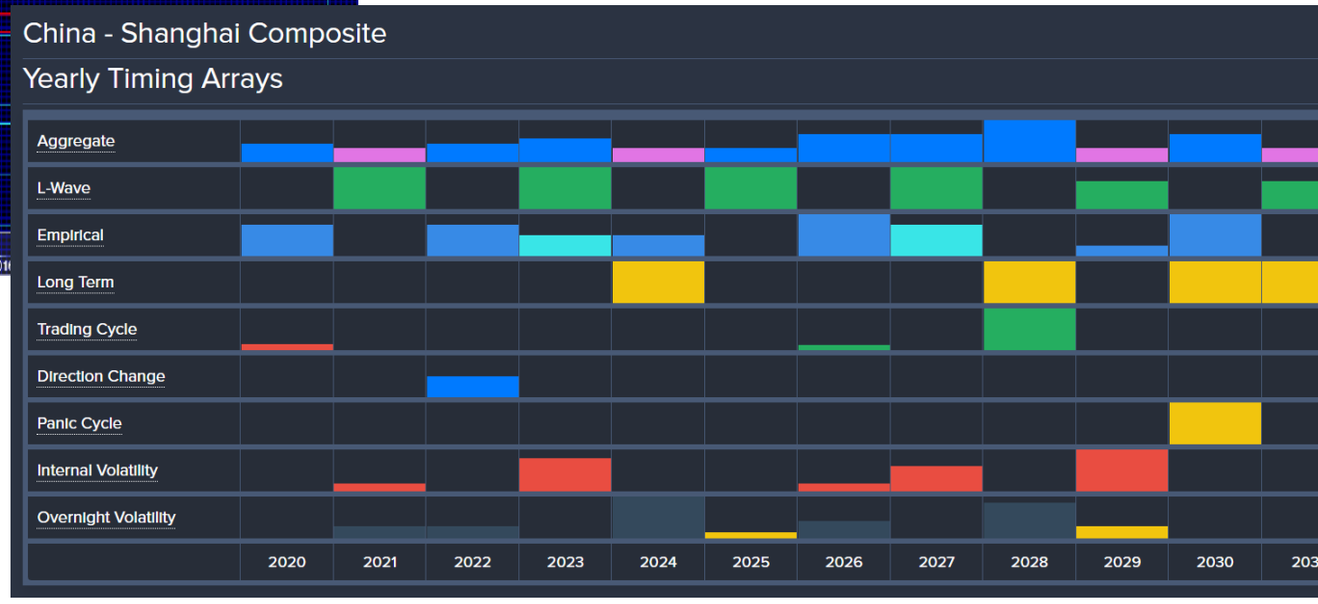
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	5,179.00	2,134.02	
		1,307.39	
		1,047.83	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Bullish	Bullish	No Change



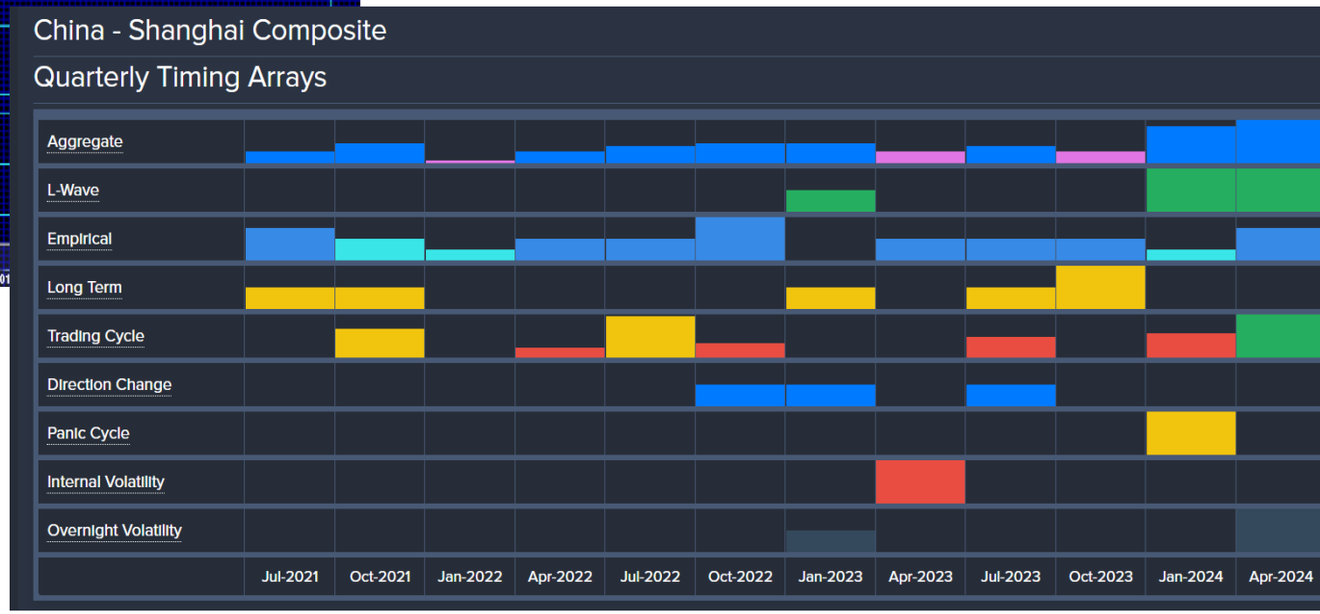
SHANGHAI (as of QUARTERLY close – Sept 2021)

Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
3,835.57	5,560.42	3,016.53	
5,179.00		2,850.71	
6,124.05		2,646.80	
		2,440.91	
		2,132.63	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



SHANGHAI (as of MONTHLY close – Oct 2021)

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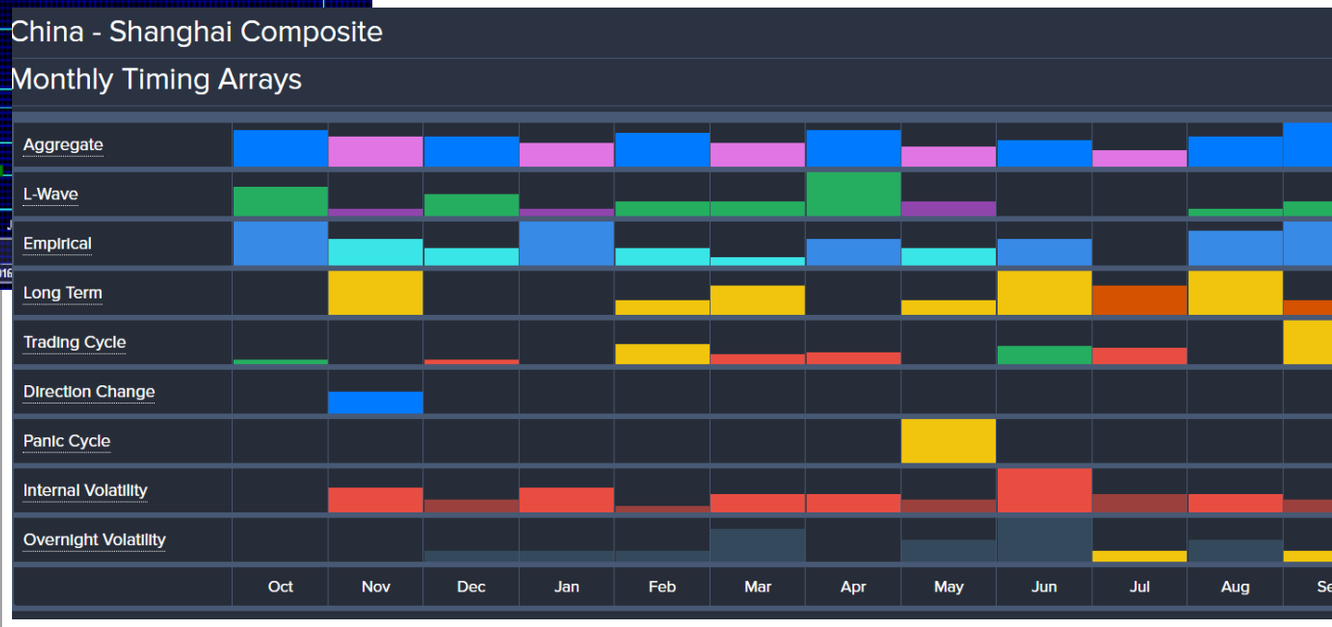
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
3,577.62	3,731.69	3,446.55	3,202.34
4,695.80	4,006.34	3,384.70	
		3,219.42	
		2,930.83	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Bullish	Bullish	Bearish	No Change



HANG SENG (as of YEARLY close – 2020)

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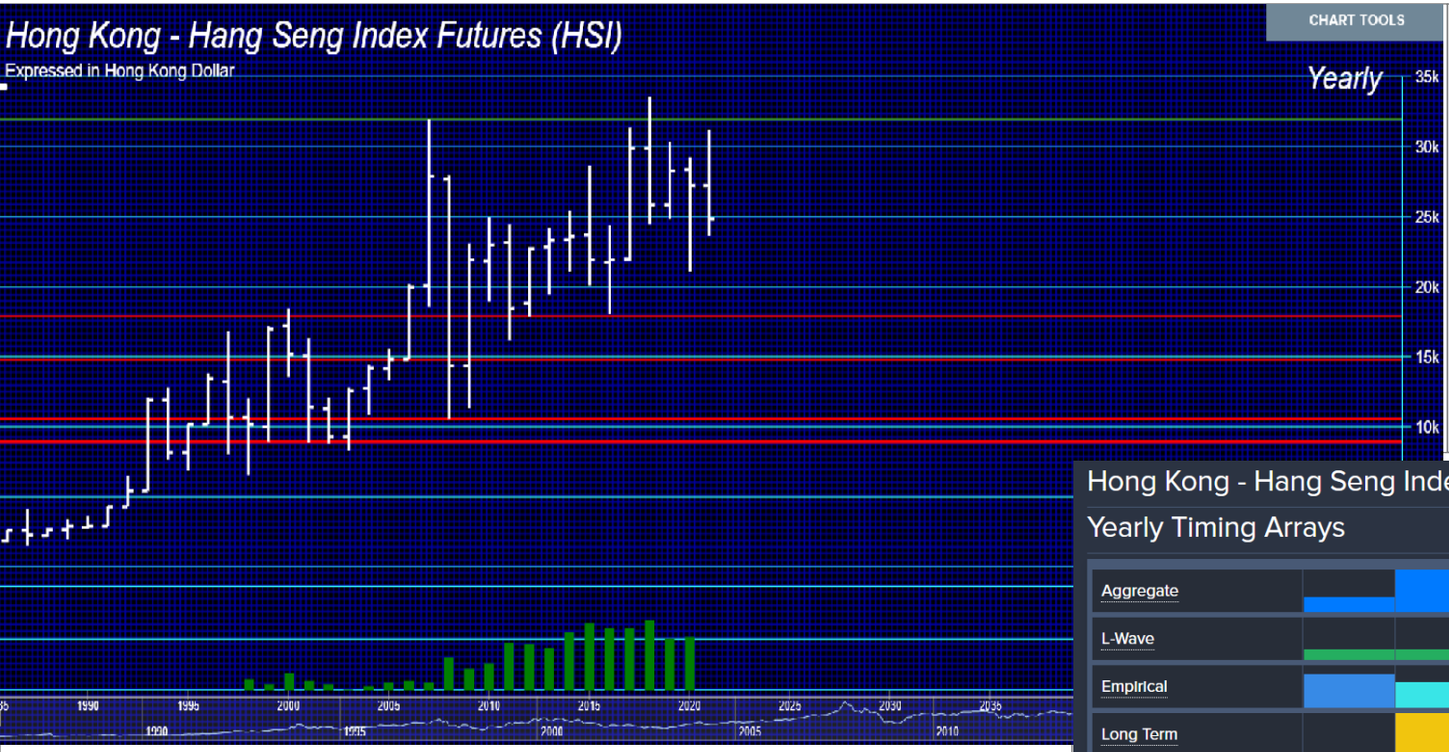
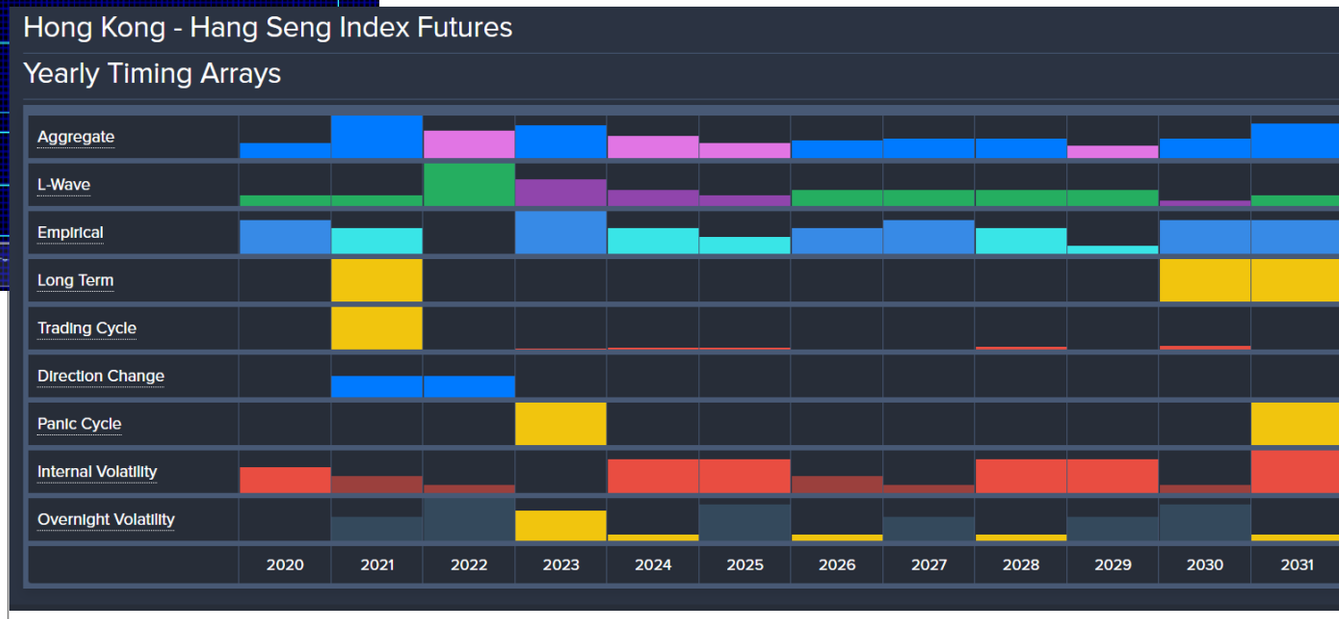


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
31,948.00		17,855.00	14,809.00
		10,566.00	8,954.00
		8,867.00	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Bullish	Bullish	Bullish	Bearish	No Change



HANG SENG (as of QUARTERLY close – Sept 2021)

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Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
29,630.00	28,225.00	24,875.00	21,050.00
	29,080.00	22,404.00	
	31,341.00	22,094.00	
		20,964.00	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Neutral	Bullish	Bearish	Down 1 Quarter

Hong Kong - Hang Seng Index Futures

Quarterly Timing Arrays

HANG SENG (as of MONTHLY close – Oct 2021)

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Monthly Reversals

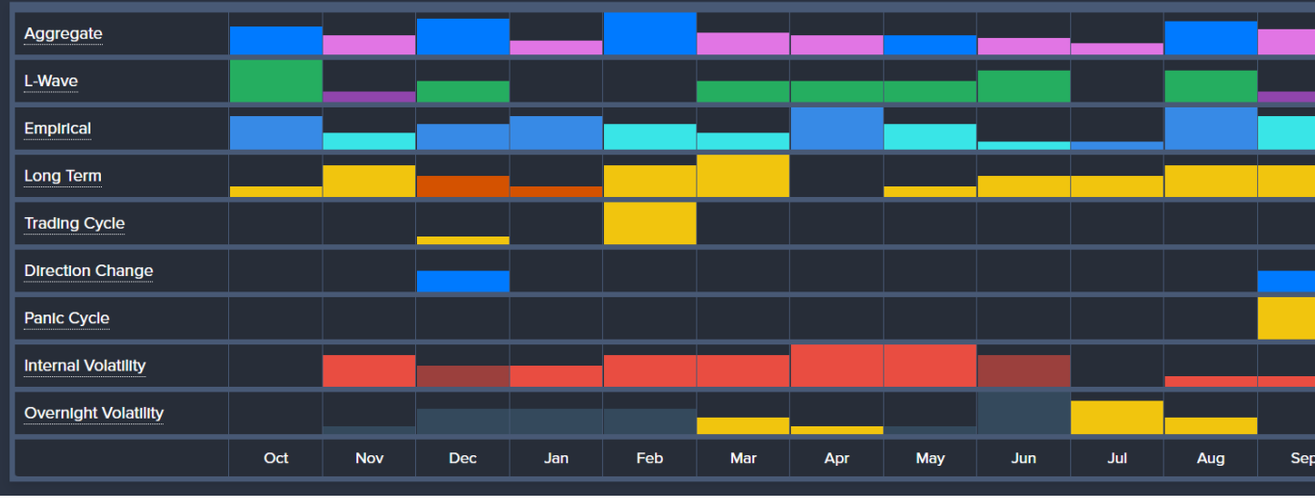
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
29,080.00	29,222.00	23,384.00	22,963.00
	30,047.00	22,612.00	20,964.00
	30,158.00	22,510.00	
	30,336.00		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bullish	Bearish	Bearish	No Change

Hong Kong - Hang Seng Index Futures

Monthly Timing Arrays



ASX 50 (as of YEARLY close – 2020)

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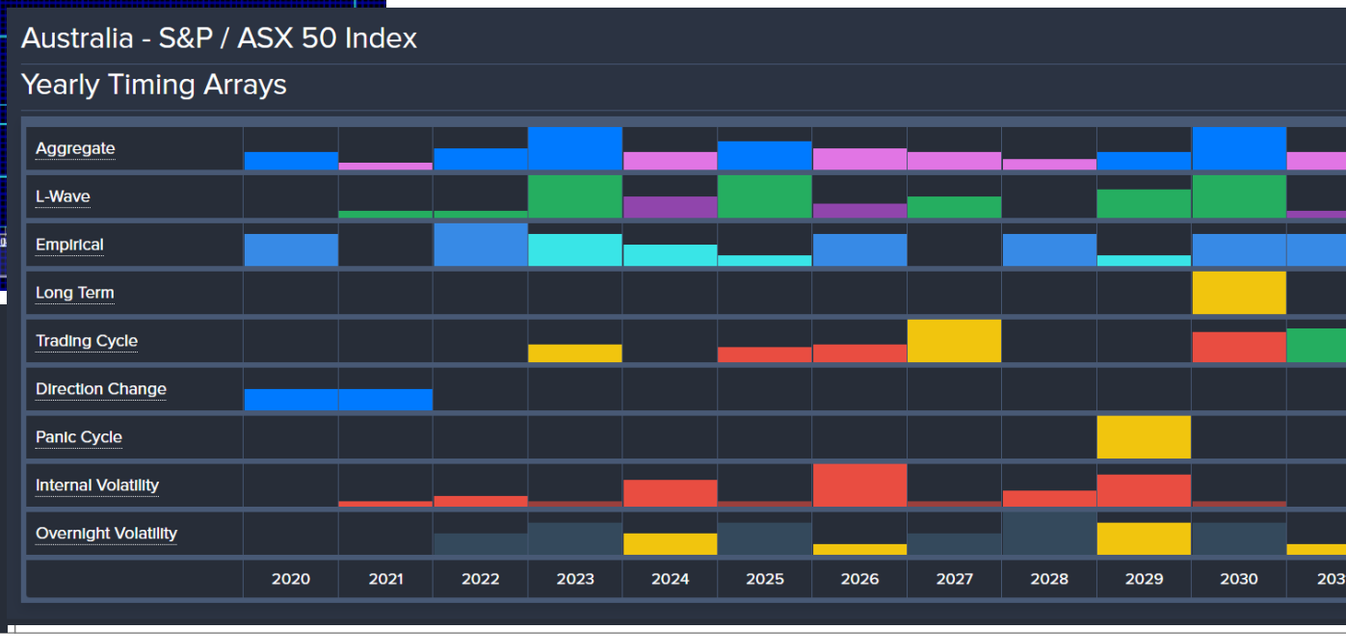
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	6,662.60	2,719.10	3,750.60
		2,717.30	3,223.70

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change



ASX 50 (as of QUARTERLY close – Sept 2021)

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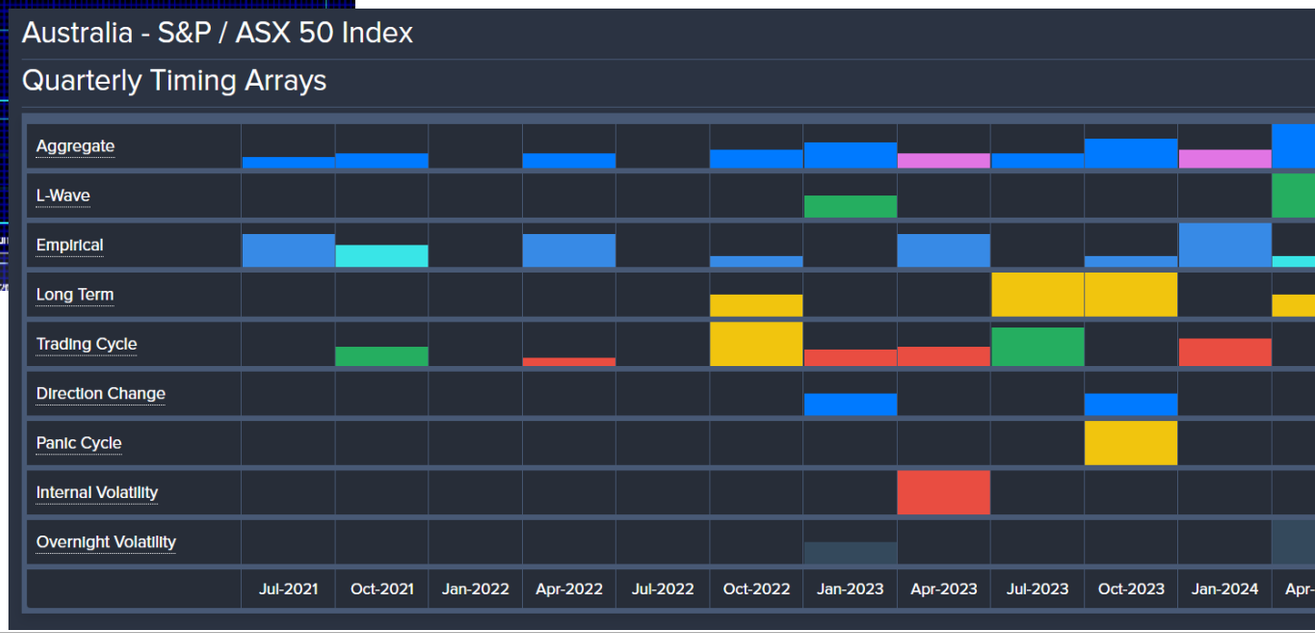
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		6,364.30	4,868.70
		5,580.20	
		4,950.04	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



ASX 50 (as of MONTHLY close – Oct 2021)

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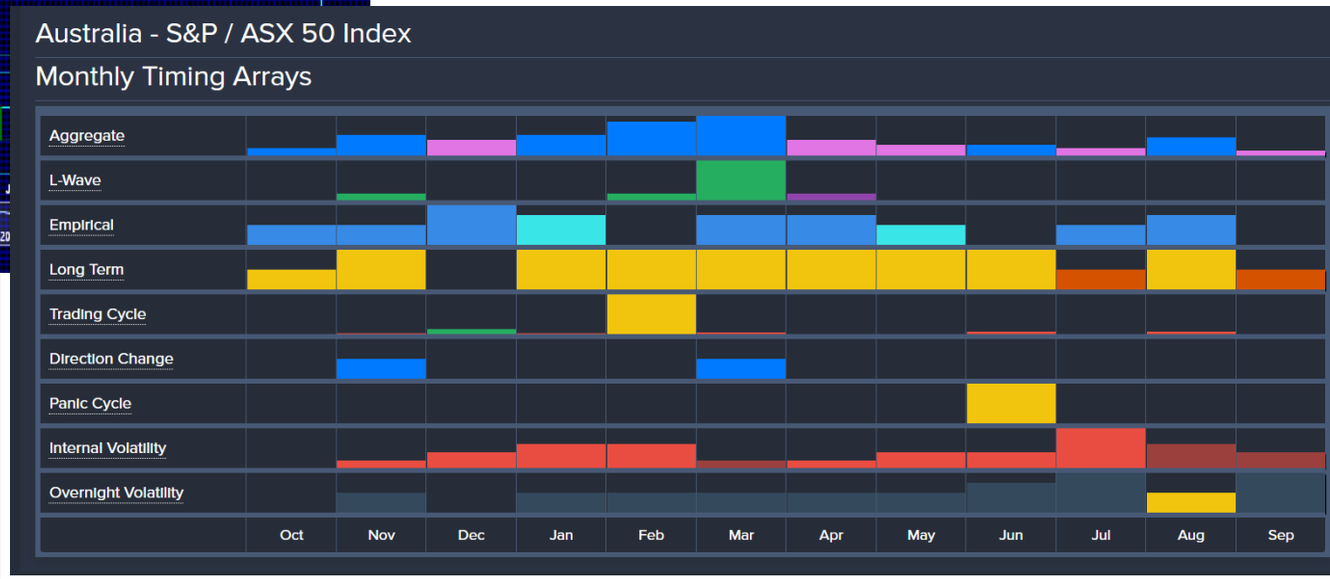
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	7,179.30	6,552.30	5,040.00
		6,464.80	
		6,264.70	
		5,039.20	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Bullish	Bearish	No Change



GLOBAL COMMODITIES

2021 WEC Global Markets Overview

GOLD (as of YEARLY close – 2020)

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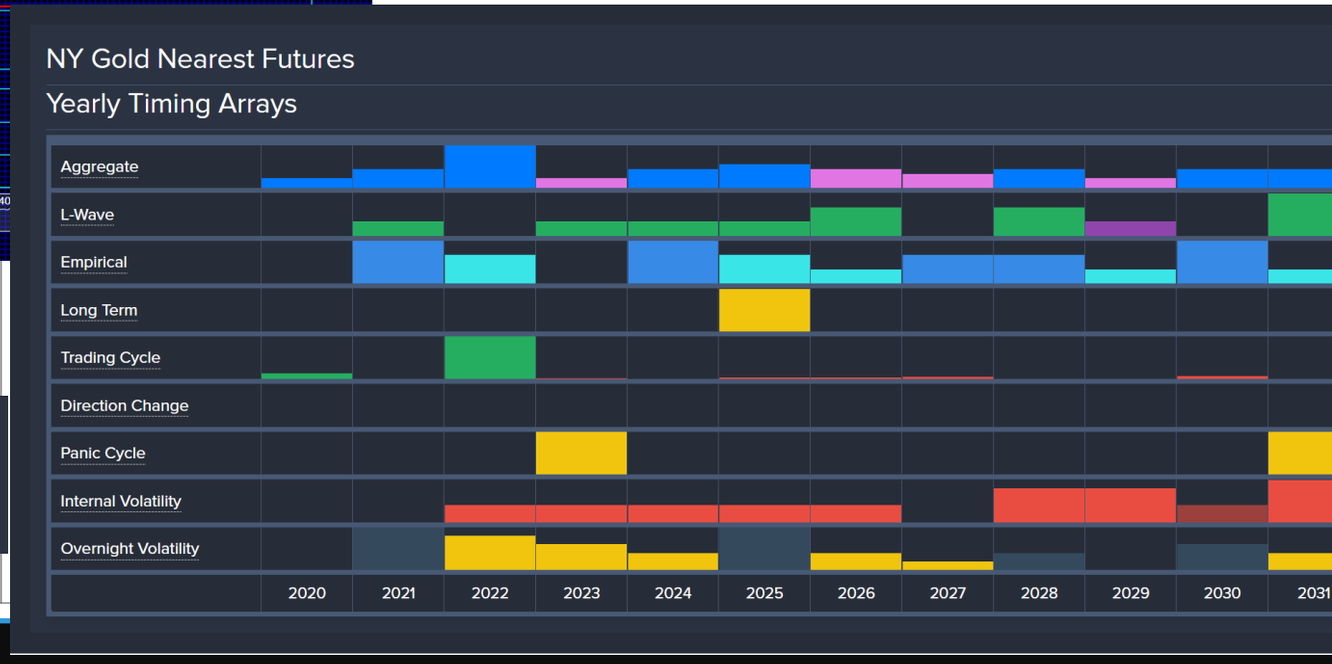
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		1,045.30	
		680.00	
		602.00	
		517.50	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



GOLD (as of QUARTERLY close – Sept 2021)

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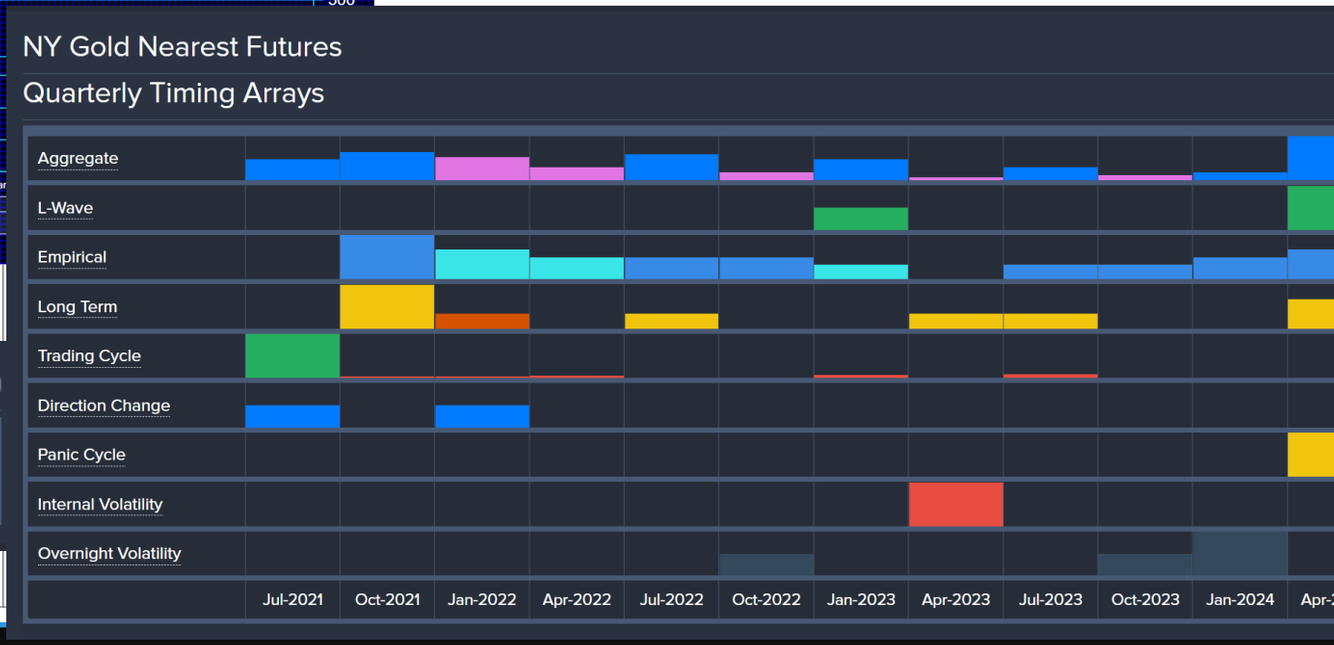
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	1,805.00	1,446.10	1,141.50
		1,267.20	
		1,214.20	
		1,202.40	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Neutral	Bullish	Bullish	Bearish	No Change



GOLD (as of MONTHLY close – Oct 2021)

fror

Monthly Reversals

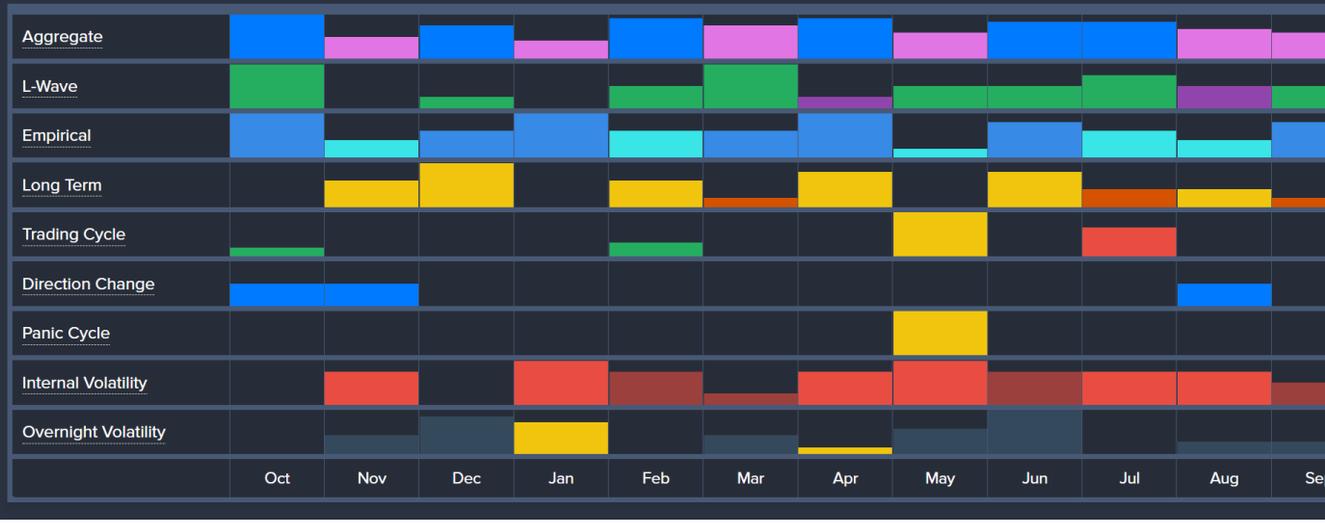
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1,913.00	1,919.30	1,575.00	1,673.20
1,939.50	2,089.30	1,450.80	1,446.10
		1,310.80	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Neutral	Bearish	Bullish	Bullish	No Change

NY Gold Nearest Futures

Monthly Timing Arrays



SILVER (as of YEARLY close – 2020)

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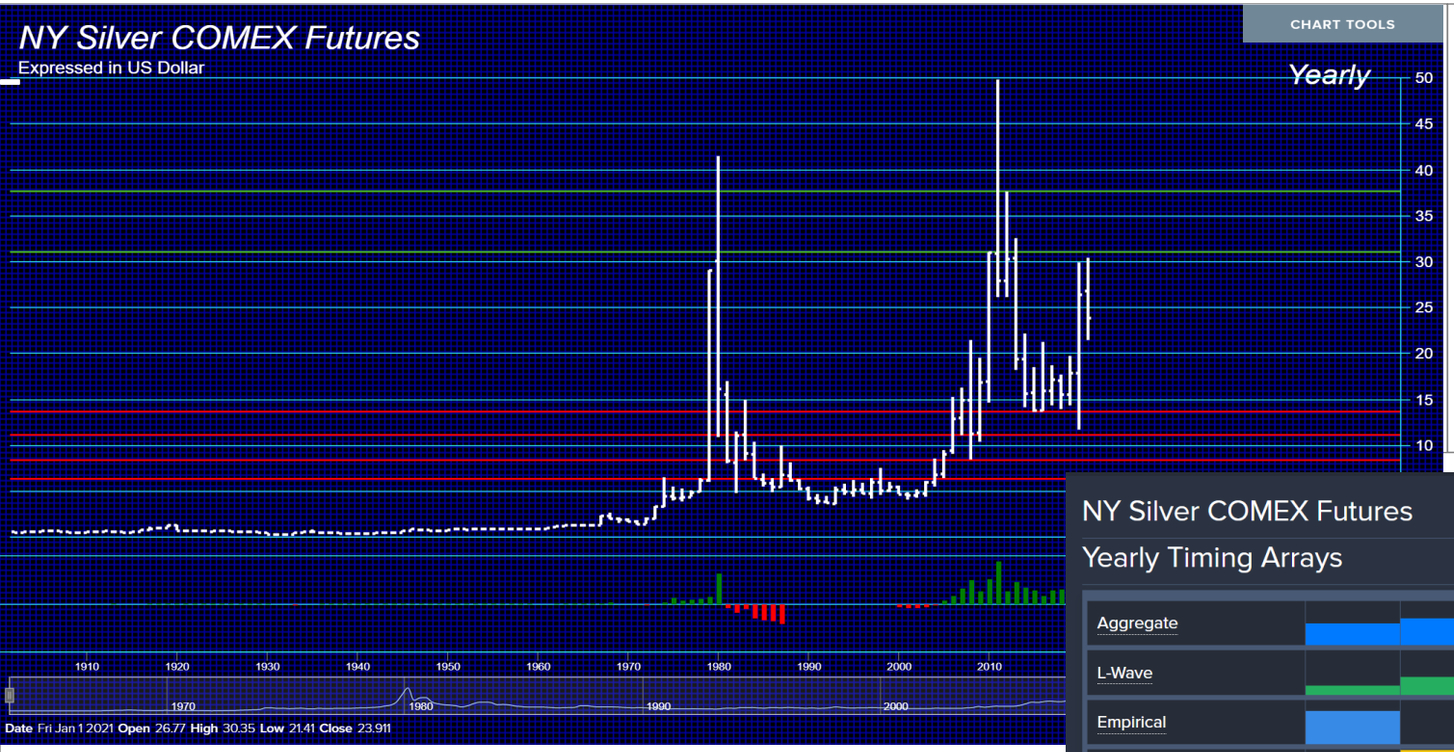


from

Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	30.9760	13.6100	
	37.5900	11.0500	
		8.3000	
		6.3400	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

SILVER (as of QUARTERLY close – Sept 2021)

from

Quarterly Reversals

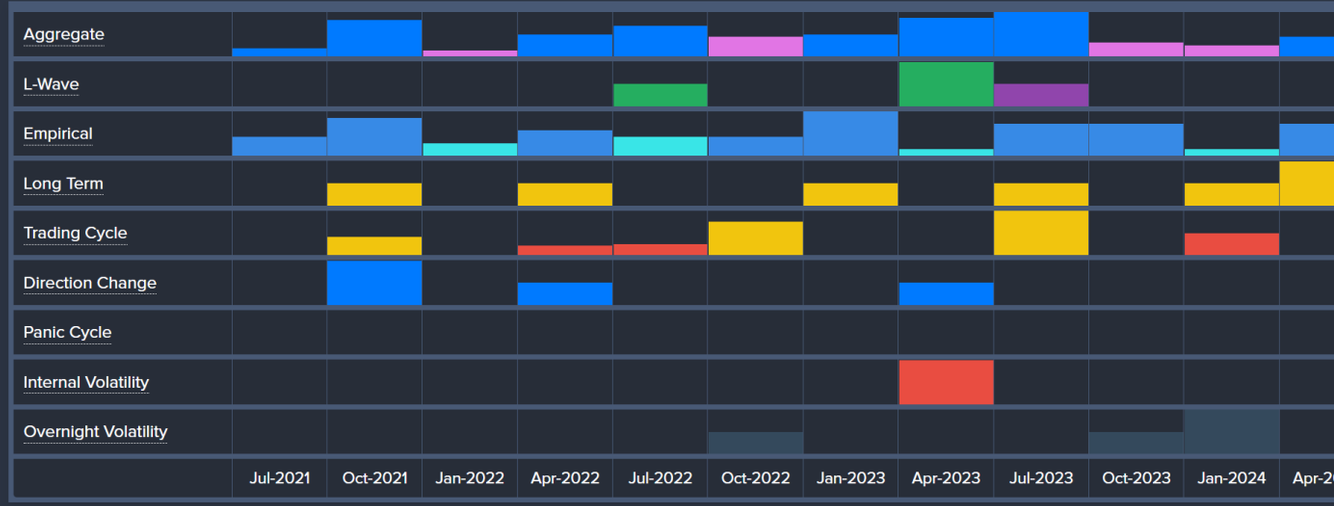
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	28.3700	16.8400	14.1540
	35.2700	14.9140	13.9640
	37.5900	14.3300	
	38.1900		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Bullish	Bullish	Bullish	Bearish	Down 1 Quarter

NY Silver COMEX Futures

Quarterly Timing Arrays



SILVER (as of MONTHLY close – Oct 2021)

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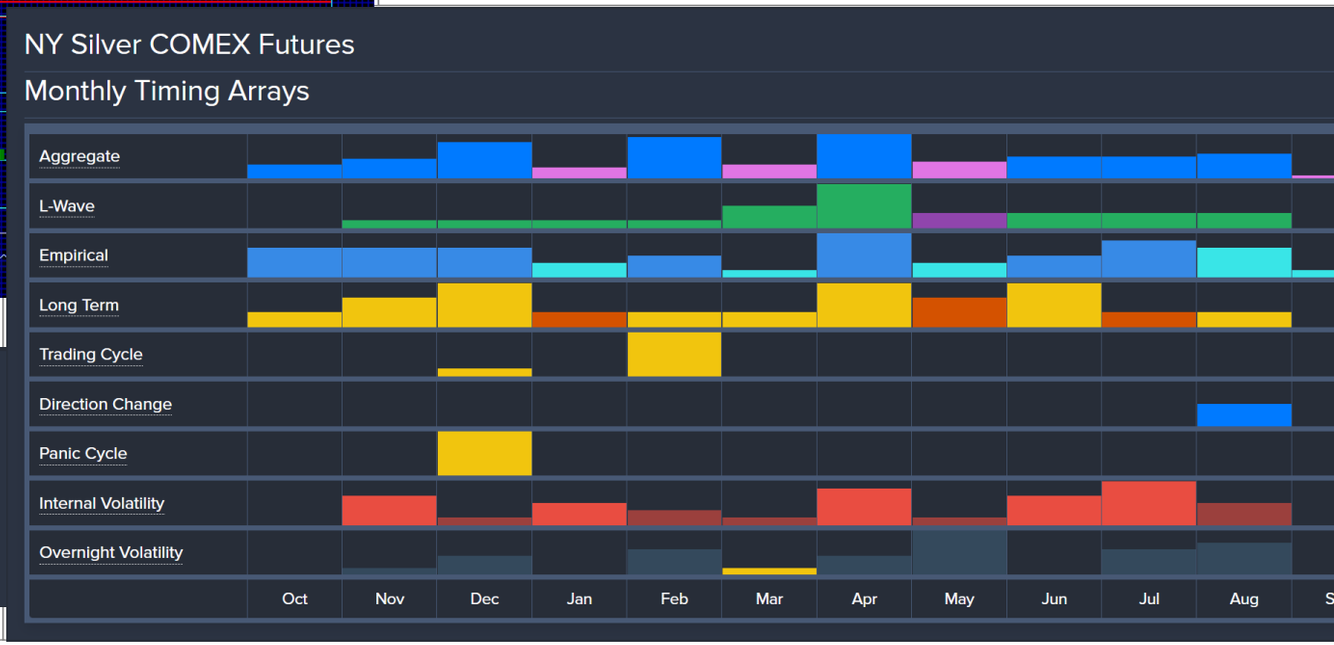
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
26.7400	29.3600	21.9500	15.9440
28.7200	31.3660	21.8000	14.9400
29.9160		16.5639	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Neutral	Bullish	Bullish	No Change



WHEAT (as of YEARLY close – 2020)

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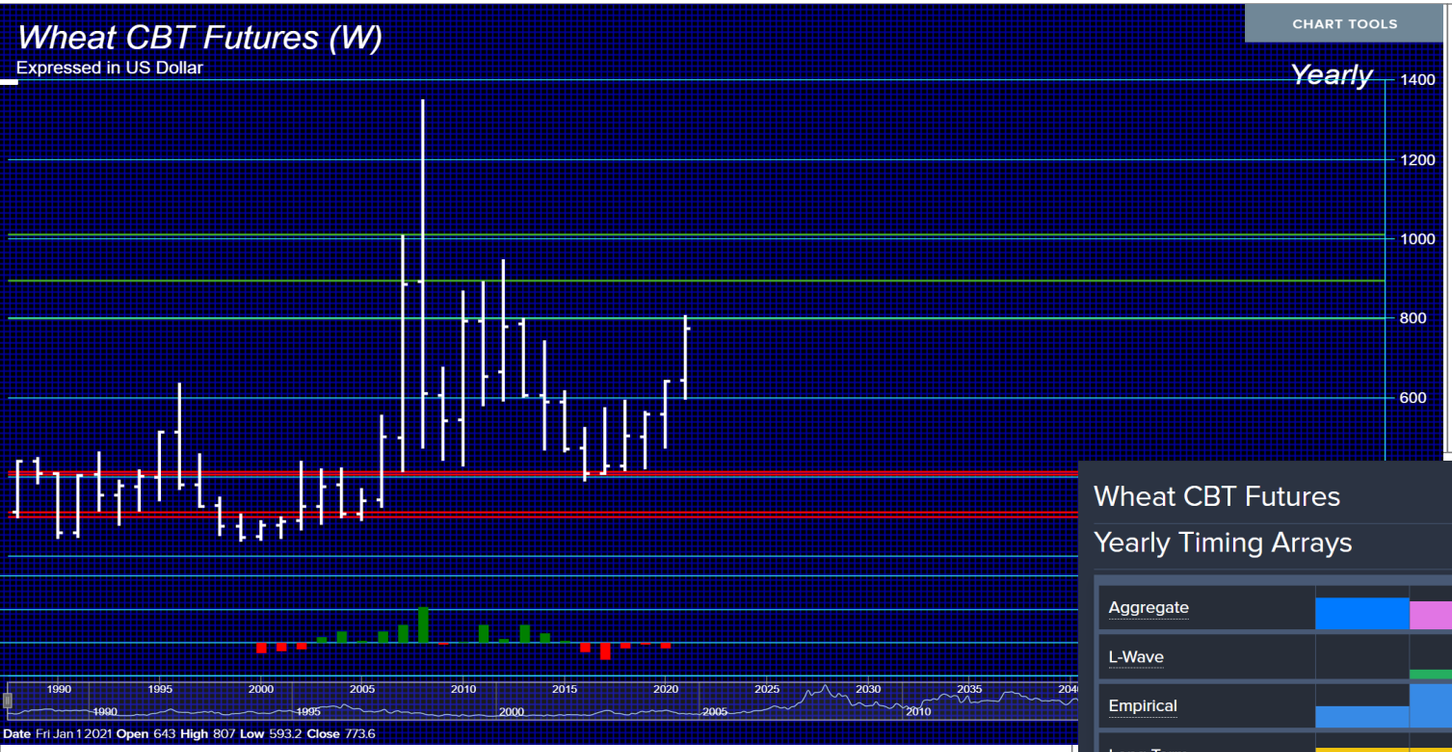


fro

Yearly Reversals

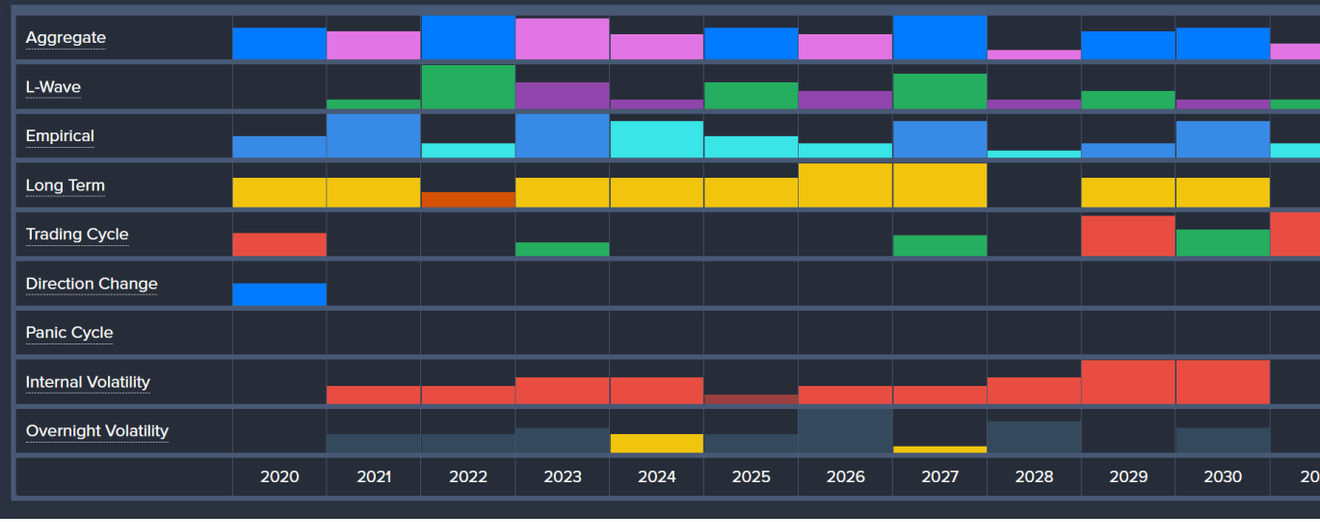
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
799.50	1,009.00	311.00	412.00
893.00		299.00	404.50

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Neutral	Bullish	Bullish	No Change

Wheat CBT Futures

Yearly Timing Arrays



WHEAT (as of QUARTERLY close – Sept 2021)

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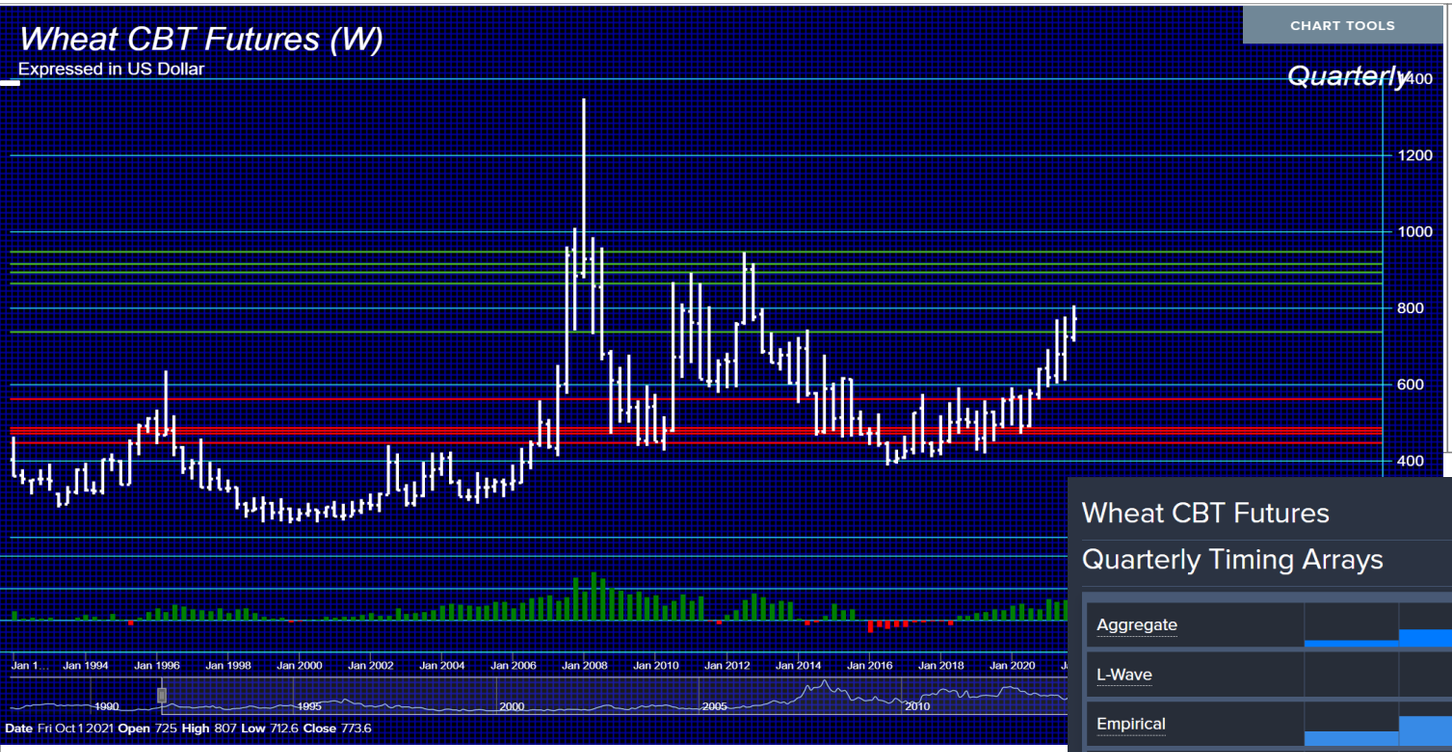

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Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
947.00	736.50	561.00	485.00
	865.00	478.00	471.00
	893.00	445.50	
	916.00		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Wheat CBT Futures

Quarterly Timing Arrays

WHEAT (as of MONTHLY close – Oct 2021)

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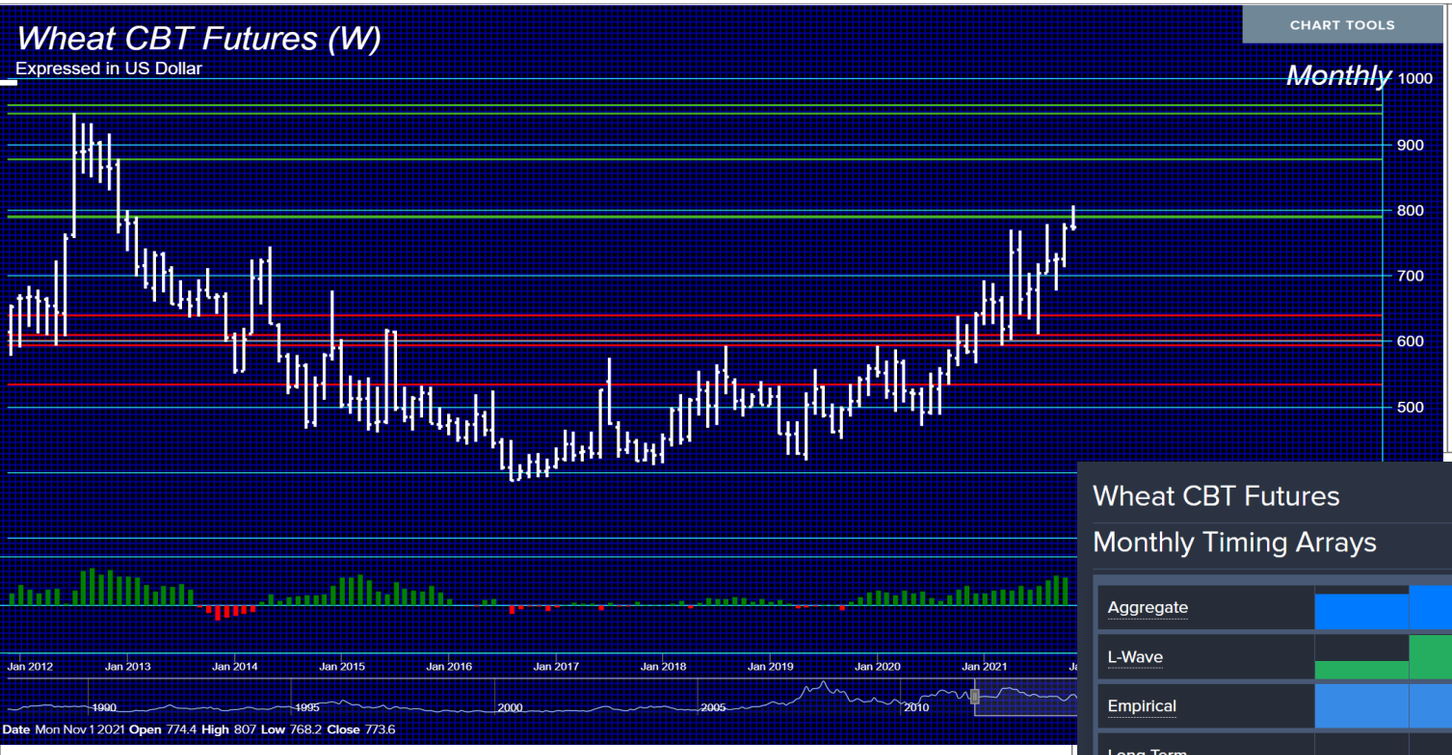


Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
877.00	788.00	639.00	601.00
959.00	790.00	609.00	593.00
	947.00	533.00	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Wheat CBT Futures

Monthly Timing Arrays

SOY (as of YEARLY close – 2020)

Yearly Reversals

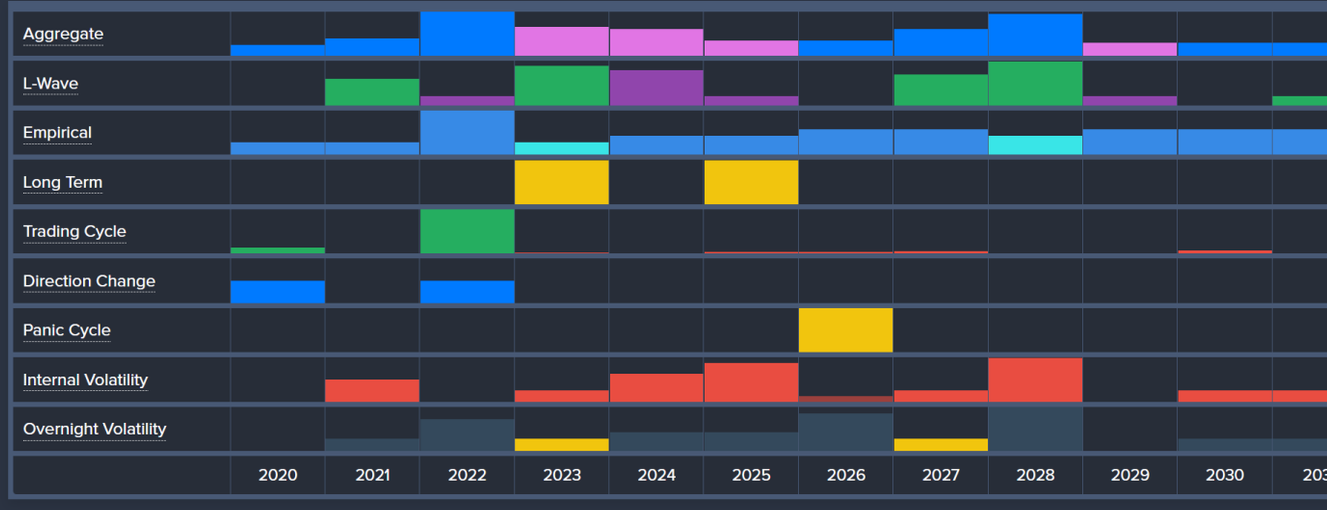
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1,549.00	1,404.00	844.20	553.40
	1,789.00	838.20	
		657.00	

Yearly Indicating Ranges

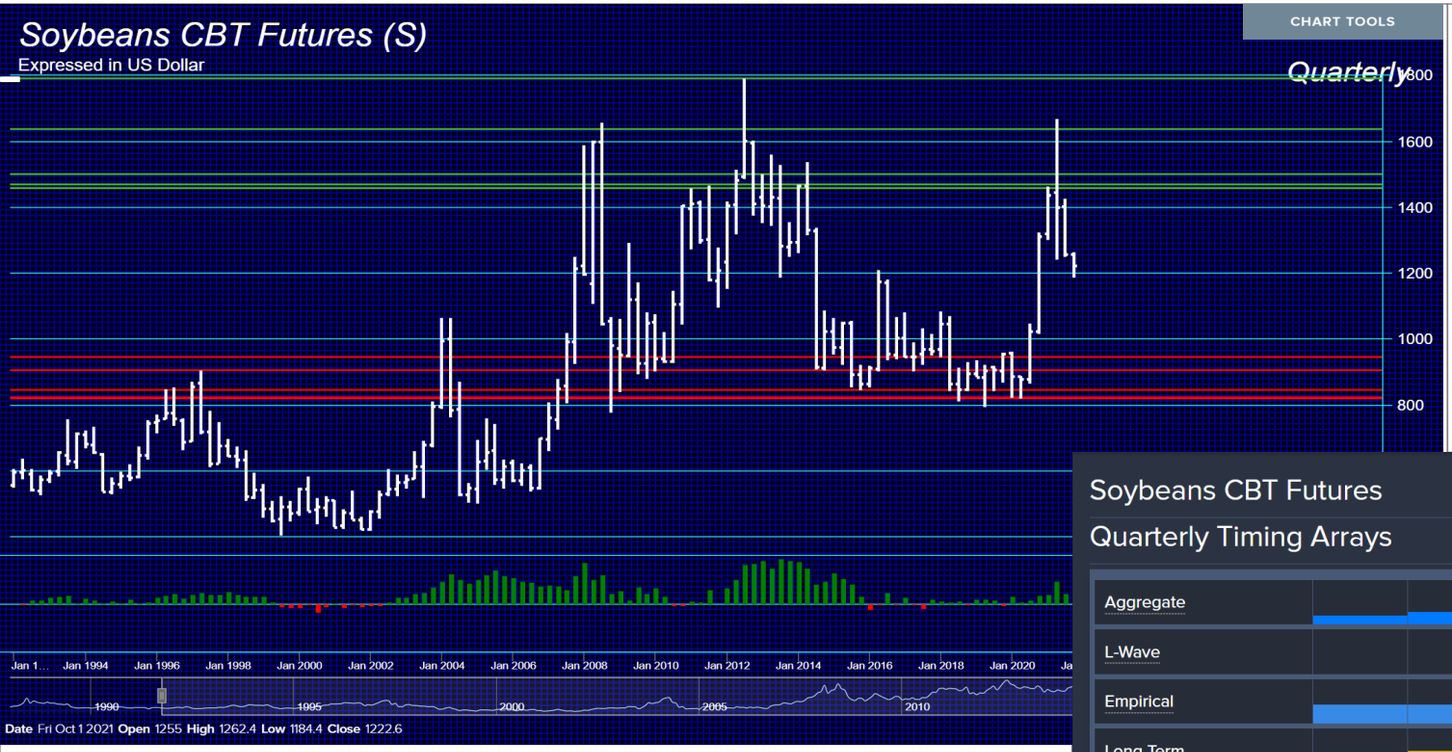
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Soybeans CBT Futures

Yearly Timing Arrays



SOY (as of QUARTERLY close – Sept 2021)



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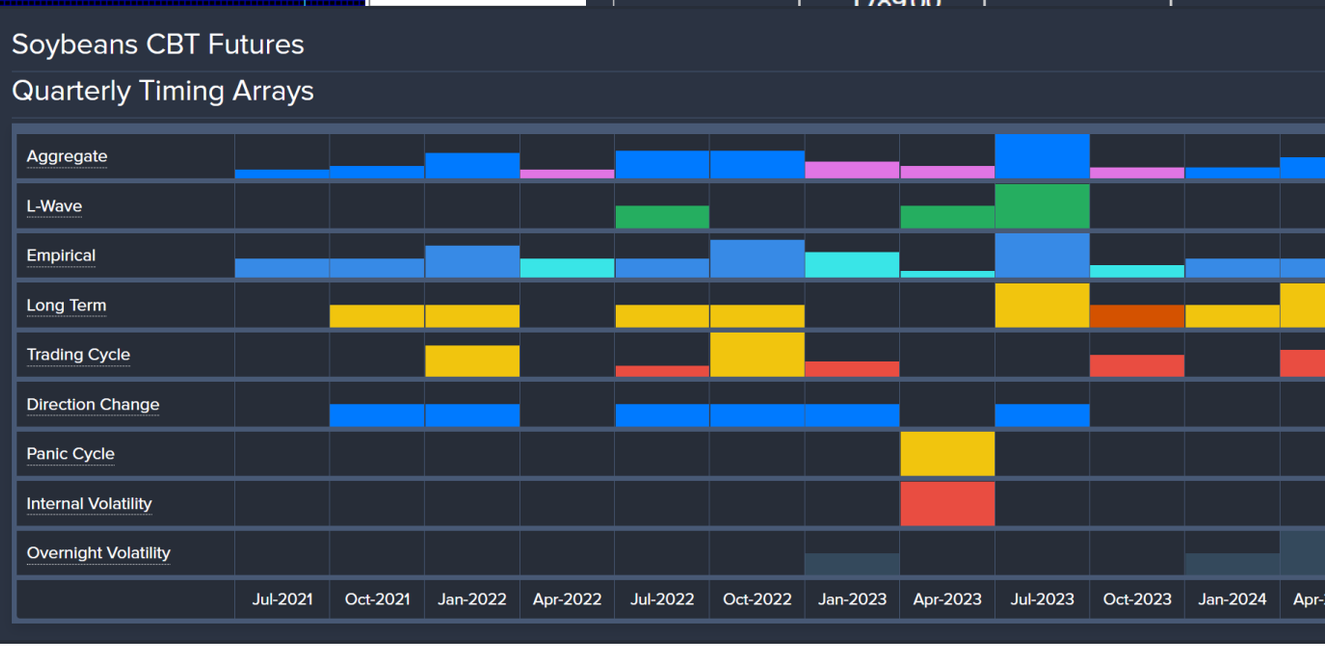
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	1,455.60	944.40	844.20
	1,466.40	904.00	
	1,498.00	821.00	
	1,636.60	818.40	
	1789.00		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Bullish	Bearish	No Change



SOY (as of MONTHLY close – Oct 2021)

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Monthly Reversals

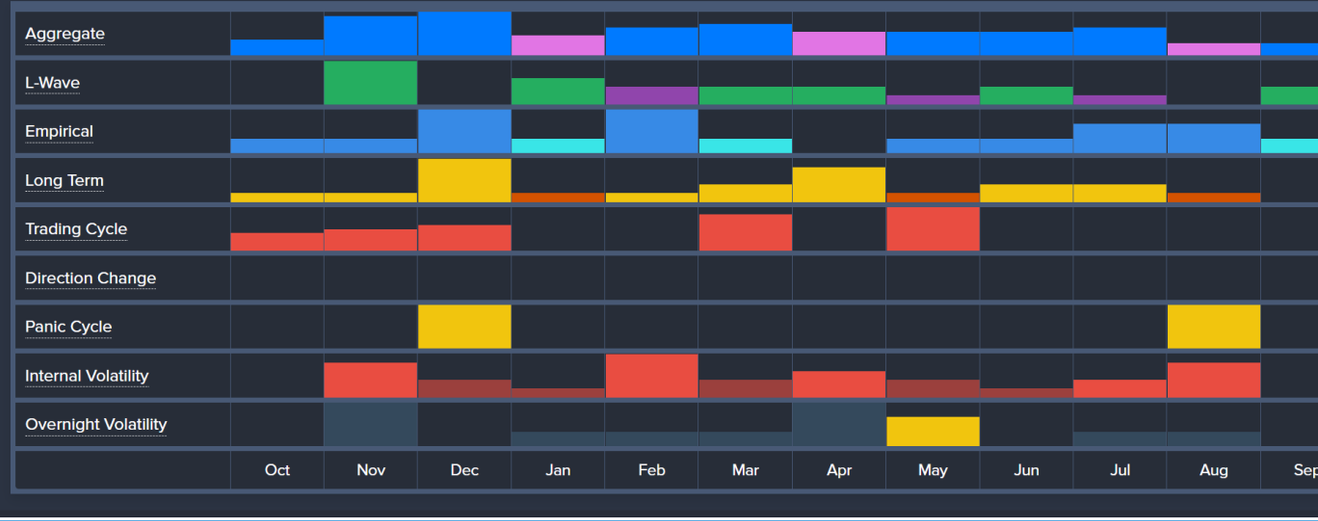
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1,546.60	1,536.60	1,045.00	840.00
1,691.40	1,667.40	883.00	825.00
		838.20	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bullish	Bullish	Bearish	Down 1 Month

Soybeans CBT Futures

Monthly Timing Arrays



CORN (as of YEARLY close – 2020)

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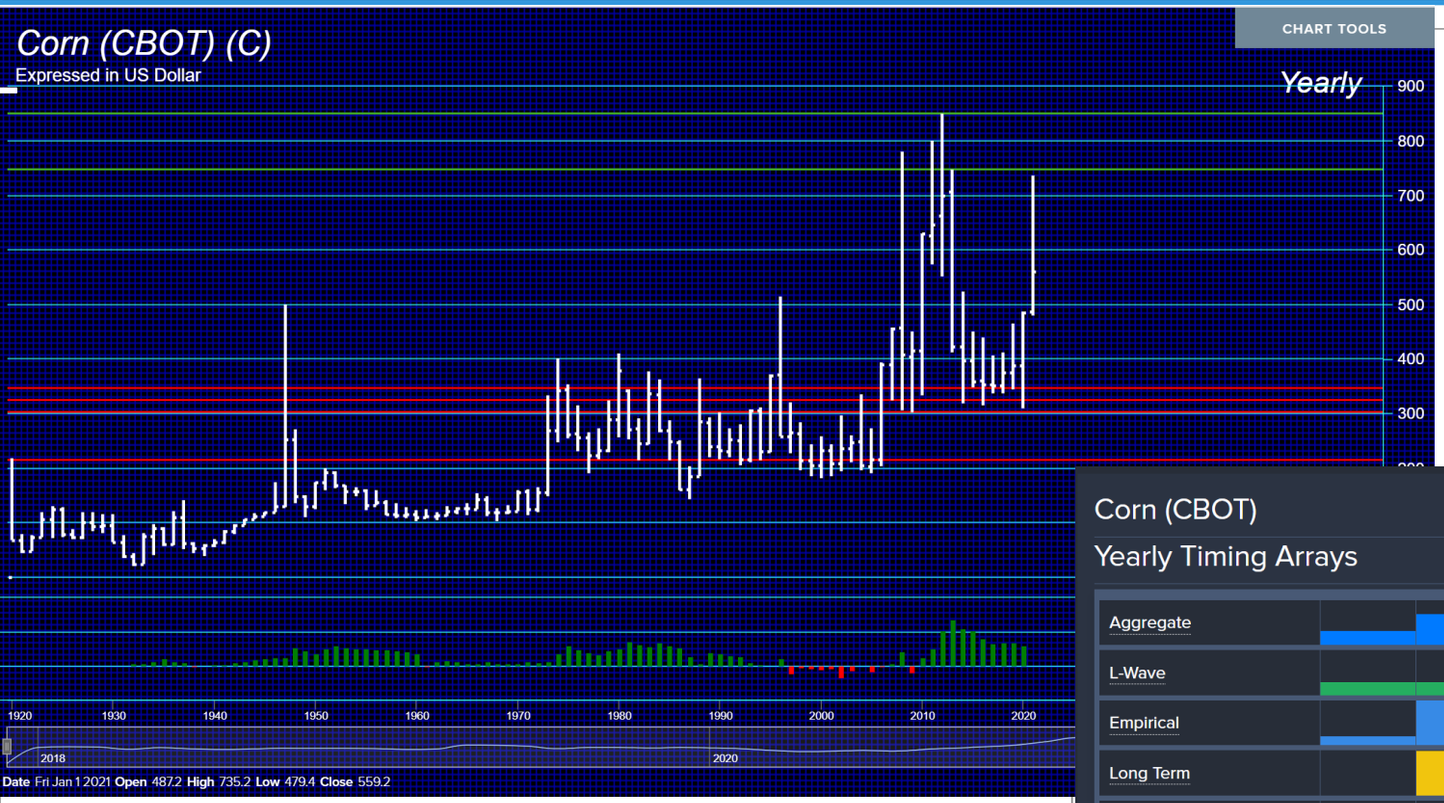


Yearly Reversals

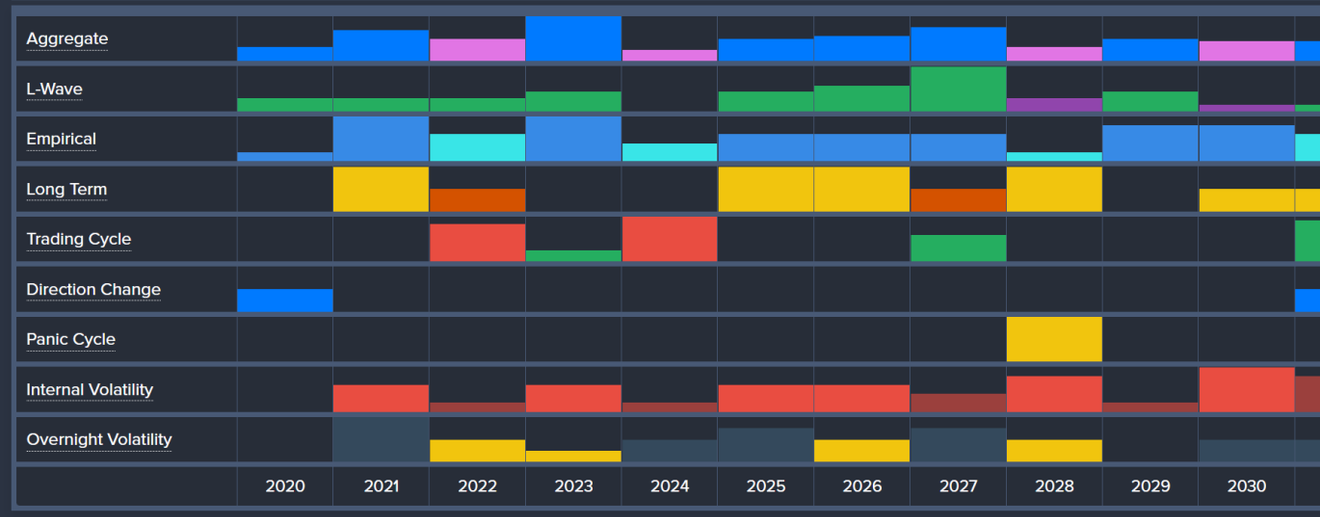
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	746.00	346.50	214.00
	849.00	324.00	
		302.00	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

Corn (CBOT)

Yearly Timing Arrays



CORN (as of QUARTERLY close – Sept 2021)

Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
779.00	675.50	345.00	338.50
	683.50	332.00	337.00
	799.50		335.00

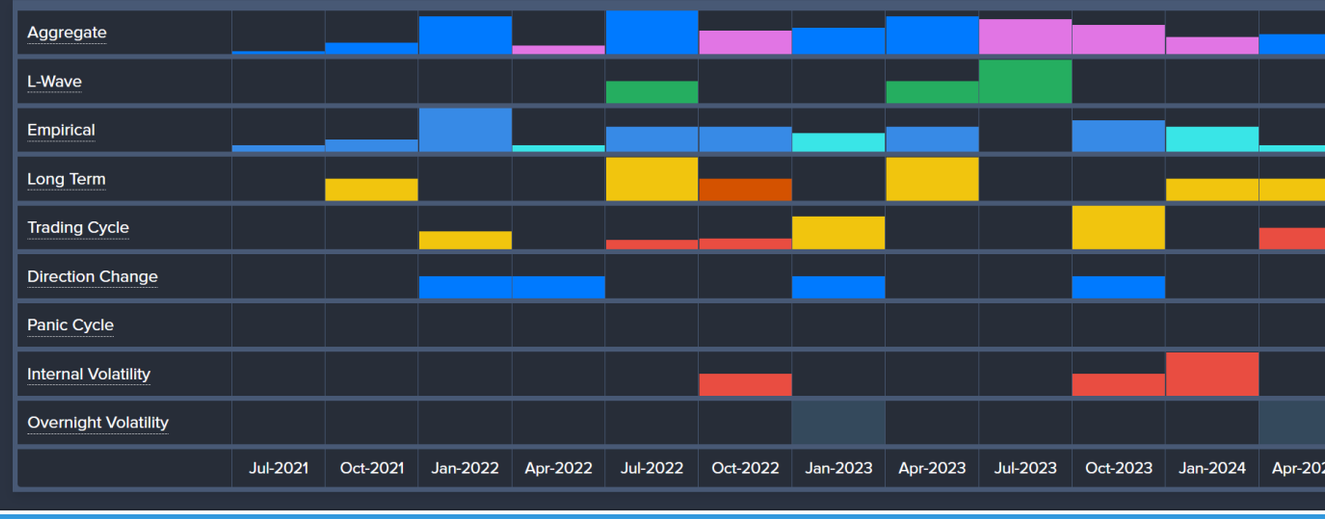
fro

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

Corn (CBOT)

Quarterly Timing Arrays



CORN (as of MONTHLY close – Oct 2021)

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Monthly Reversals

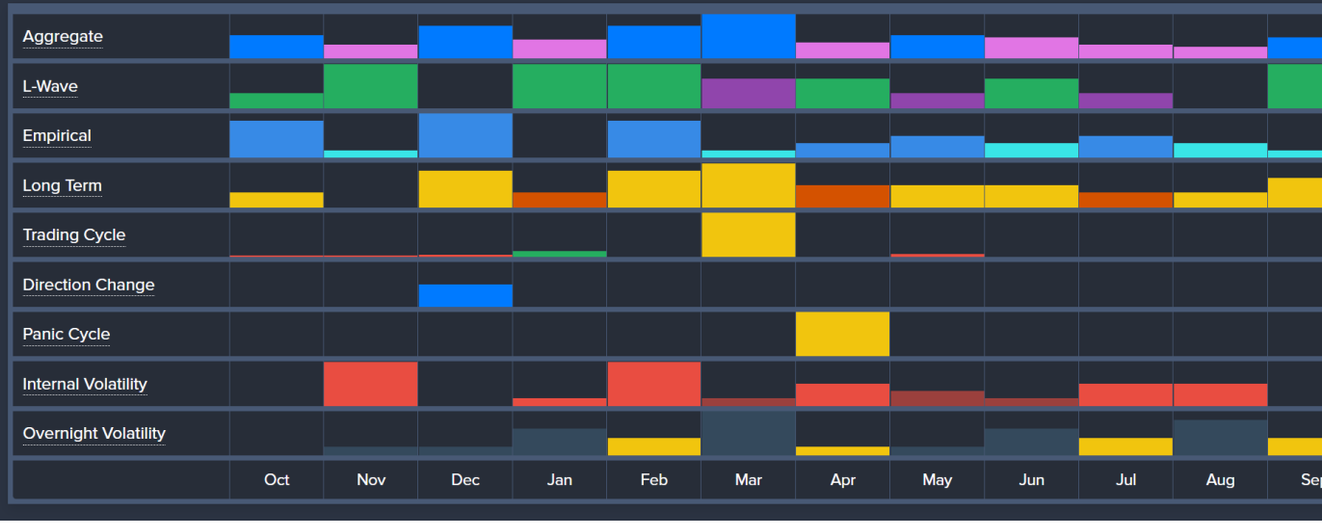
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	675.50	479.00	315.00
	679.00	393.00	311.00
	684.00	356.00	
	735.00		
	737.50		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bearish	Bullish	Bullish	Bullish	No Change

Corn (CBOT)

Monthly Timing Arrays



GLOBAL CURRENCY

2021 WEC Global Markets Overview

US DOLLAR (as of YEARLY close – 2020)

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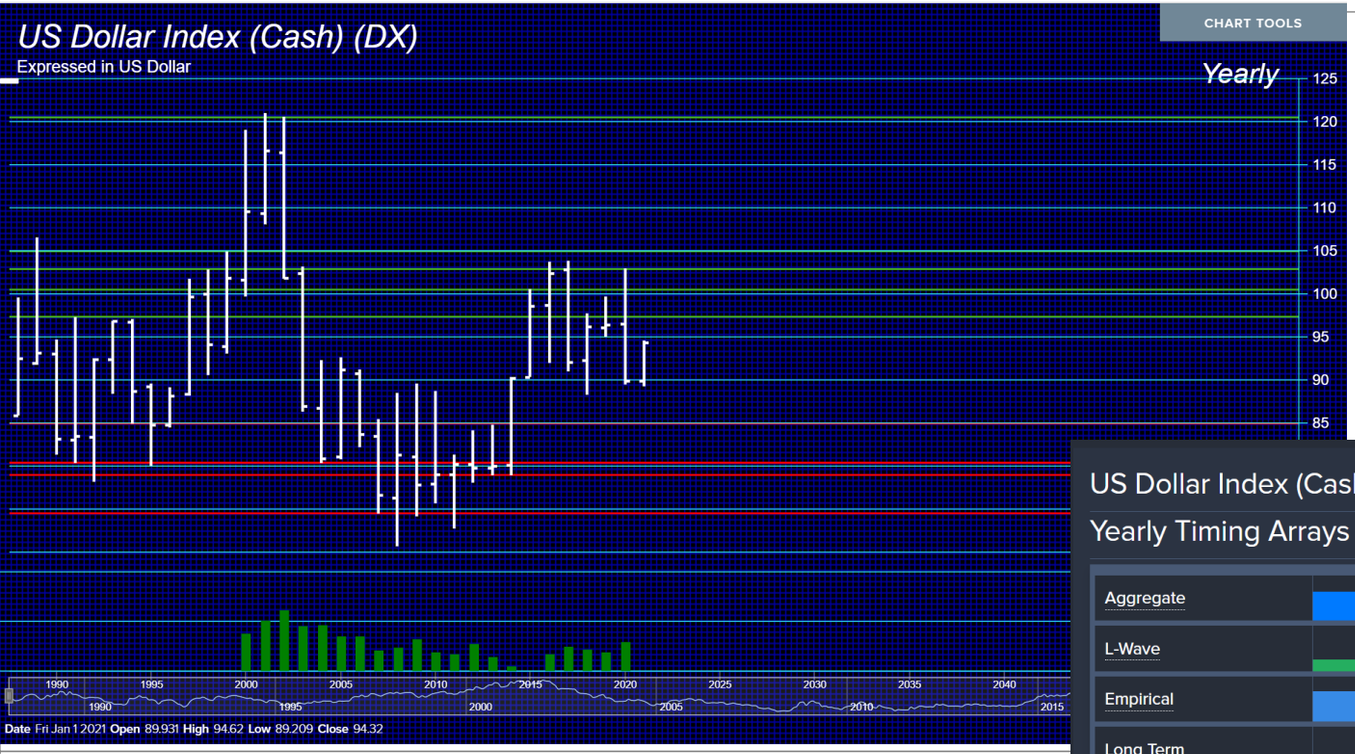

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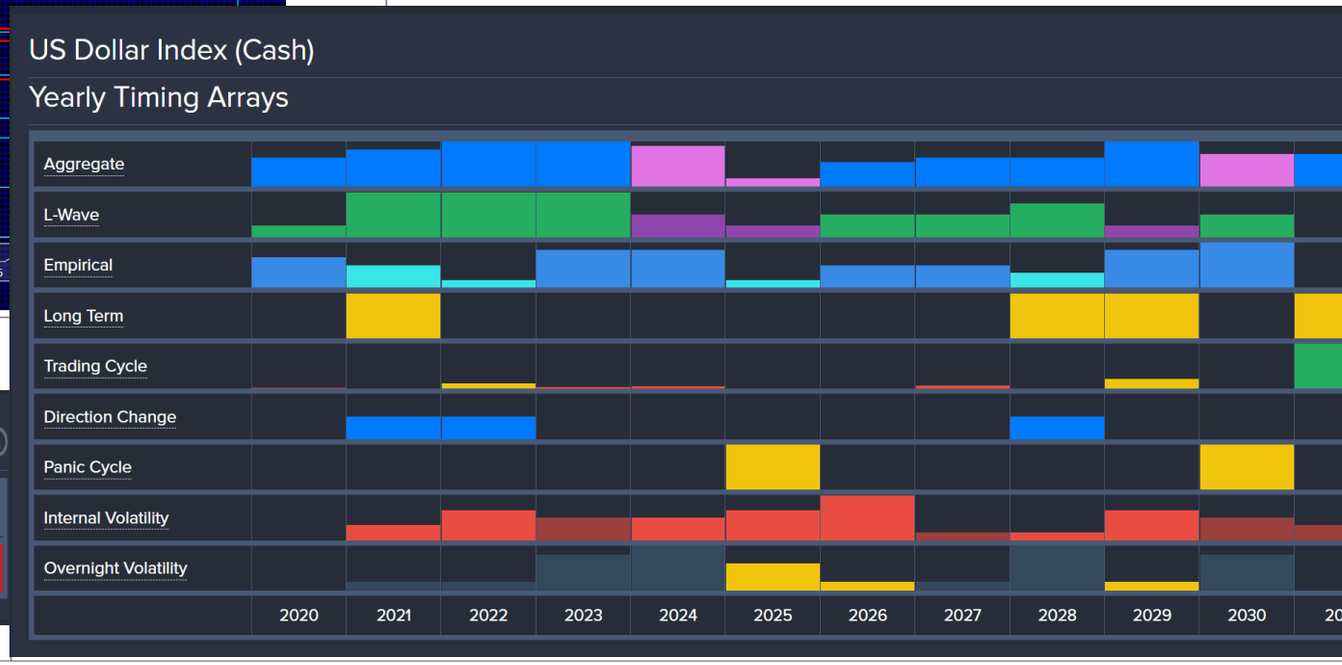
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
102.8801	97.3201	80.3899	84.9099
120.5101	100.5101	80.3399	74.4839
	104.8801	78.9059	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bullish	Neutral	Bearish	Down 1 Year



US DOLLAR (as of QUARTERLY close – Sept 2021)

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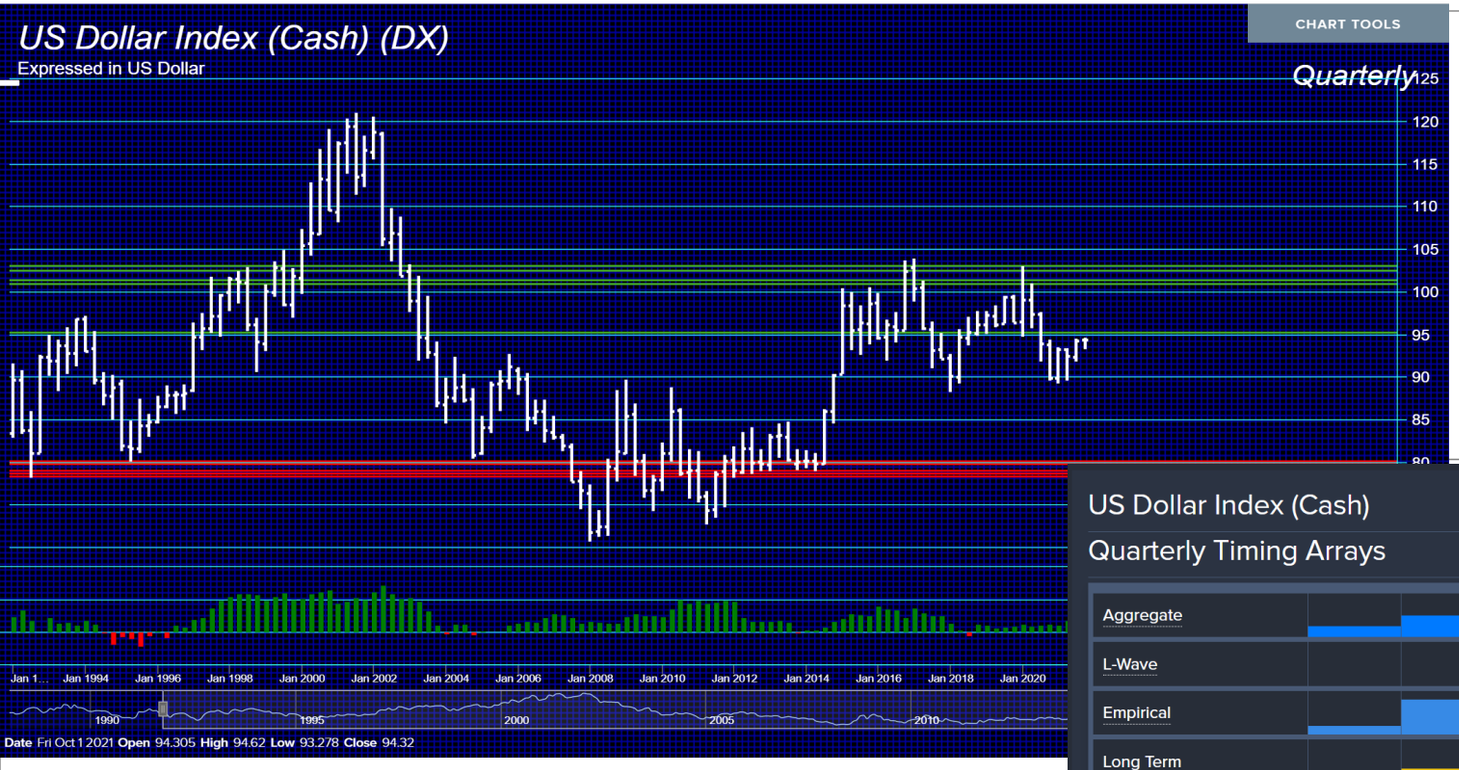
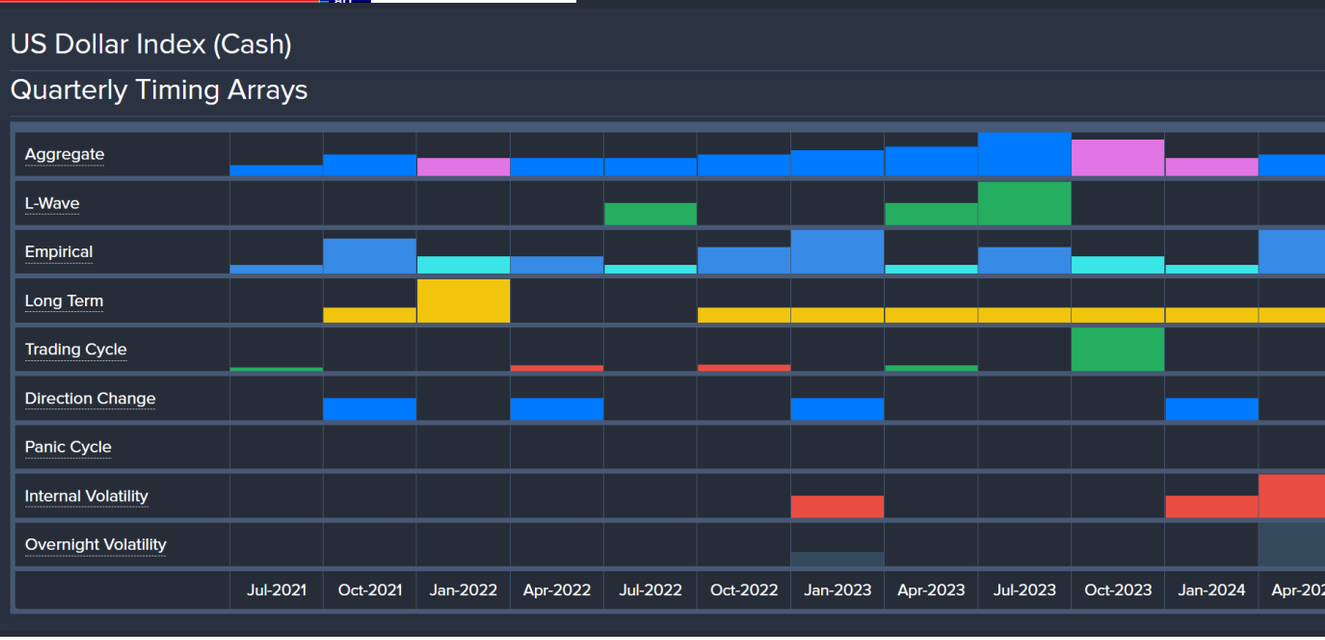


Quarterly Reversals

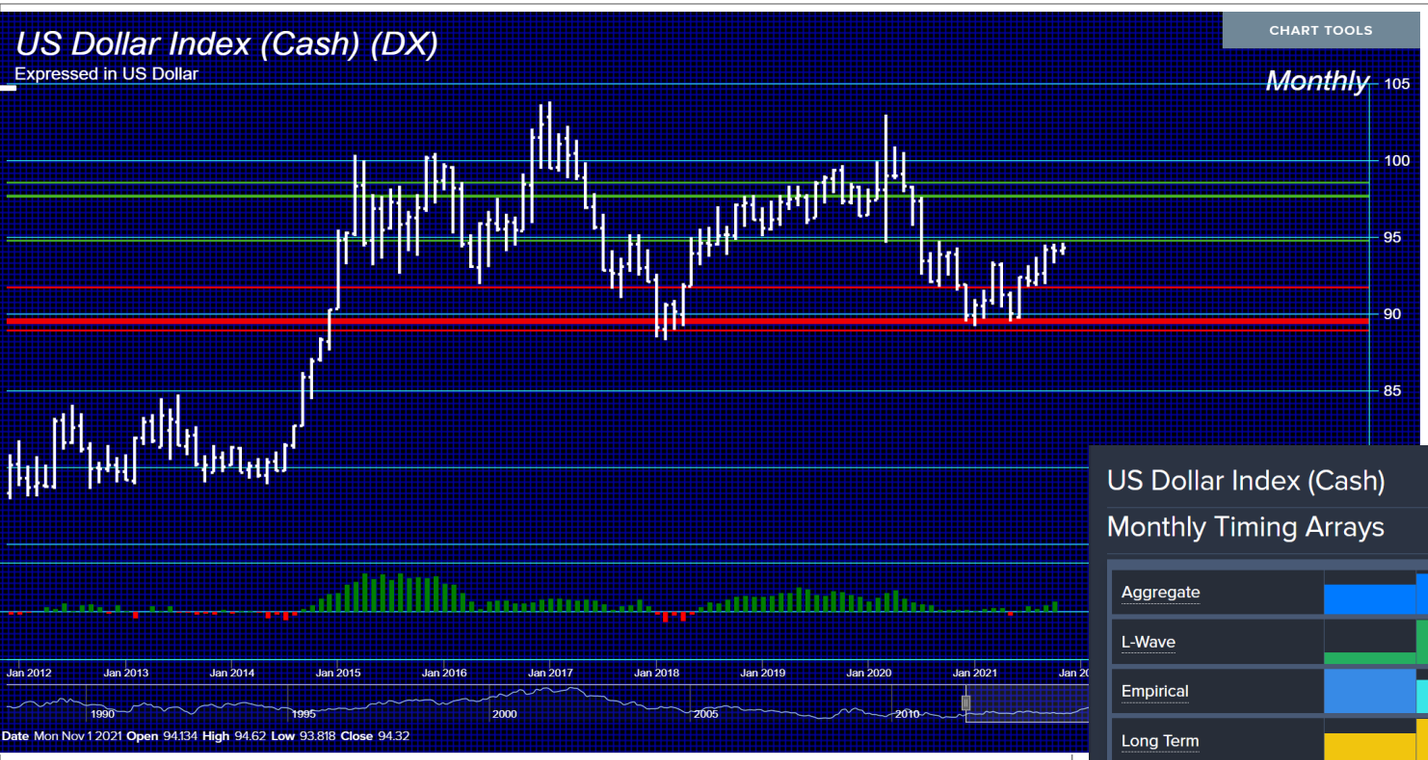
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
101.3401	95.1501	78.9979	80.0299
102.4501	100.9311		79.7399
	102.9921		78.6009
			78.3339

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bearish	Neutral	Neutral	Bullish	No Change



US DOLLAR (as of MONTHLY close – Oct 2021)



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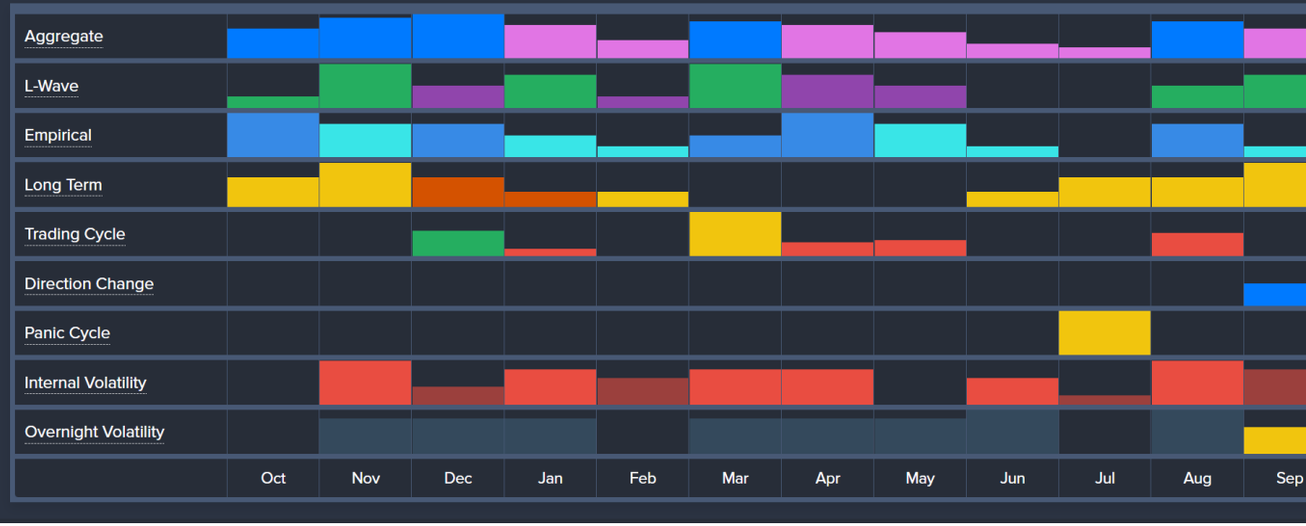
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
94.7421	97.7101	91.7459	89.4001
97.6221		89.6629	88.9419
97.6931		89.5349	
98.5441			

US Dollar Index (Cash)

Monthly Timing Arrays



Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Neutral	Bearish	Bullish	No Change

CAN DOLLAR (as of YEARLY close – 2020)

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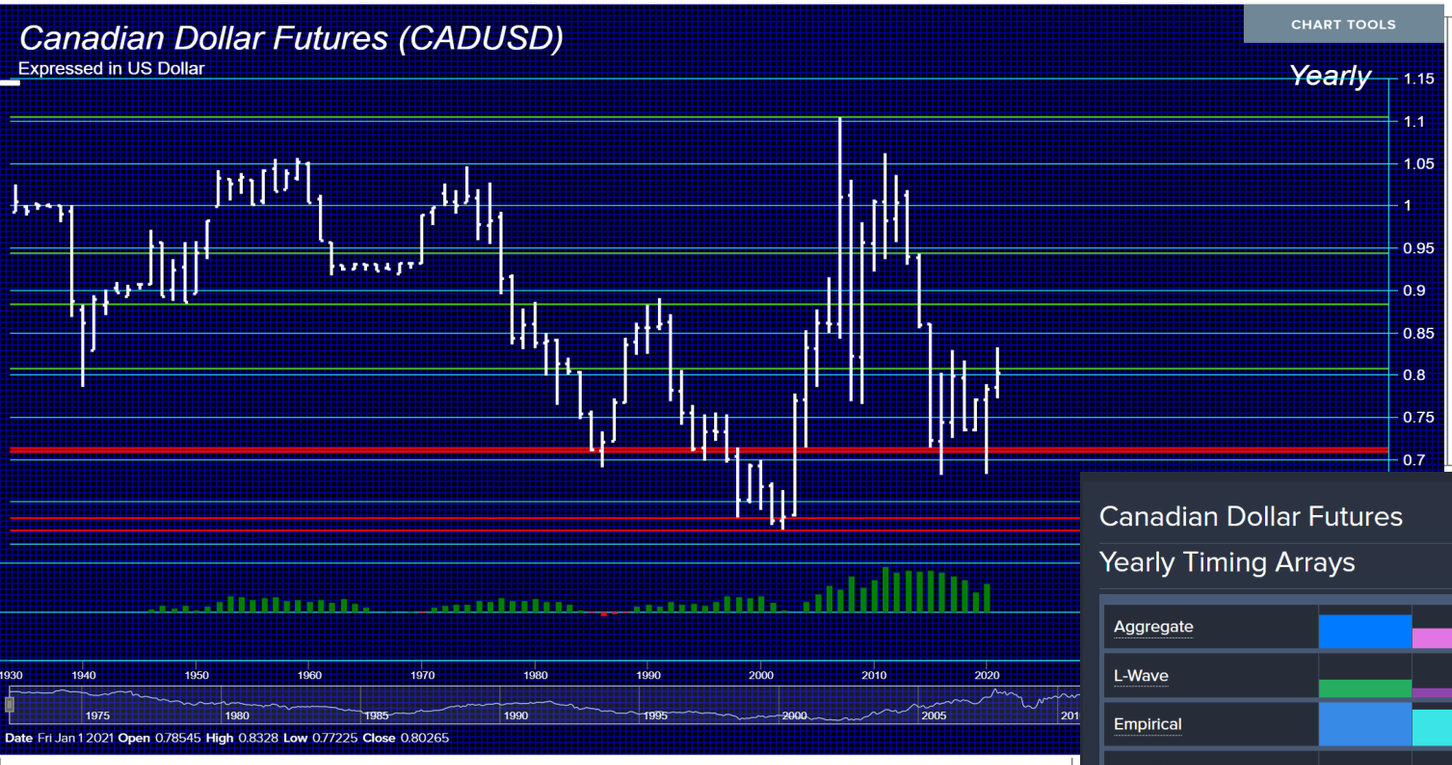

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Yearly Reversals

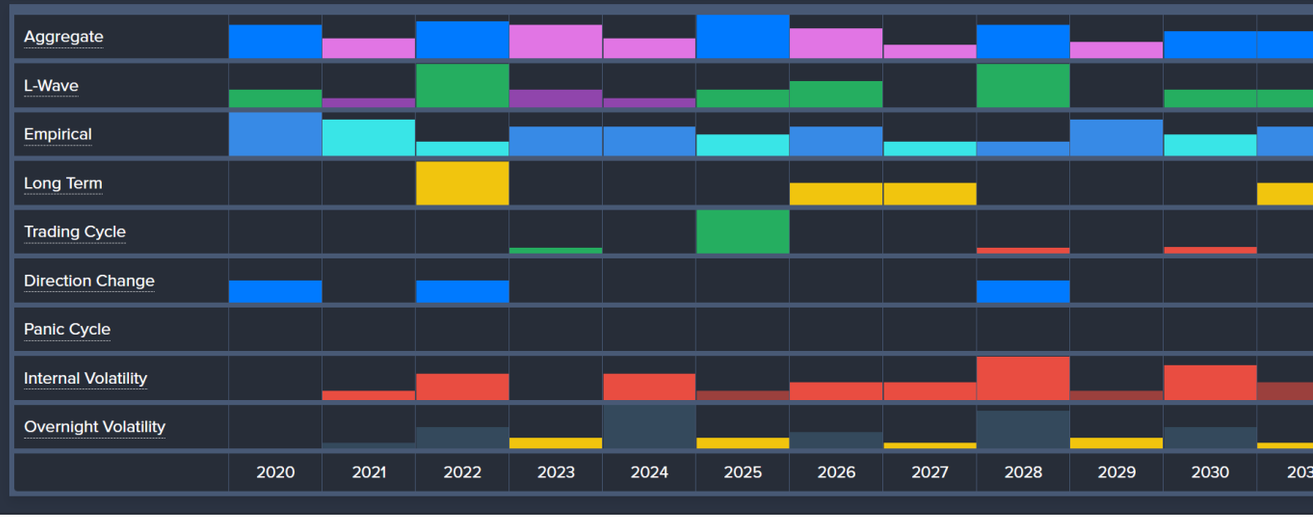
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.8070		0.7134	0.7095
0.8829		0.7087	0.6304
0.9429		0.6160	
1.1044			

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Neutral	Bearish	Bullish	Bearish	No Change

Canadian Dollar Futures

Yearly Timing Arrays



CAN DOLLAR (as of QUARTERLY close – Sept 2021)

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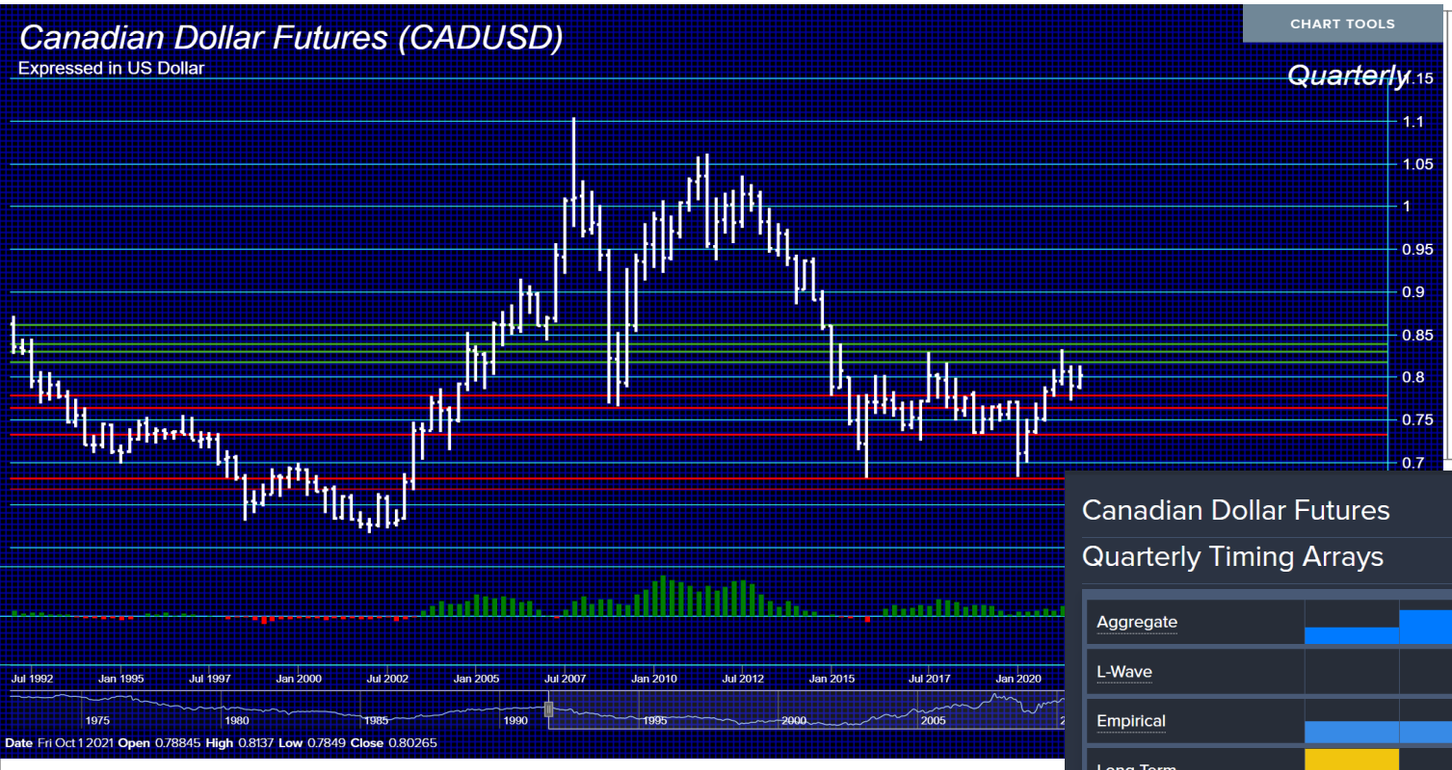

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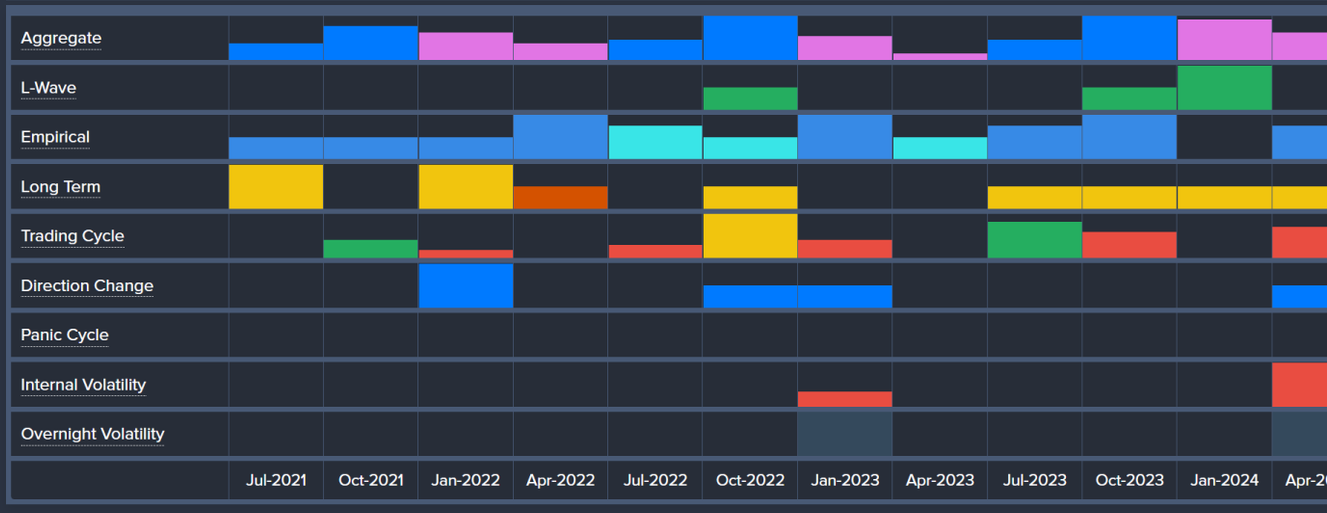
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.8604	0.8169	0.7780	0.6686
	0.8292	0.7632	
	0.8387	0.7320	
		0.6810	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Neutral	Neutral	Bearish	Down 1 Quarter

Canadian Dollar Futures
Quarterly Timing Arrays



CAN DOLLAR (as of MONTHLY close – Oct 2021)

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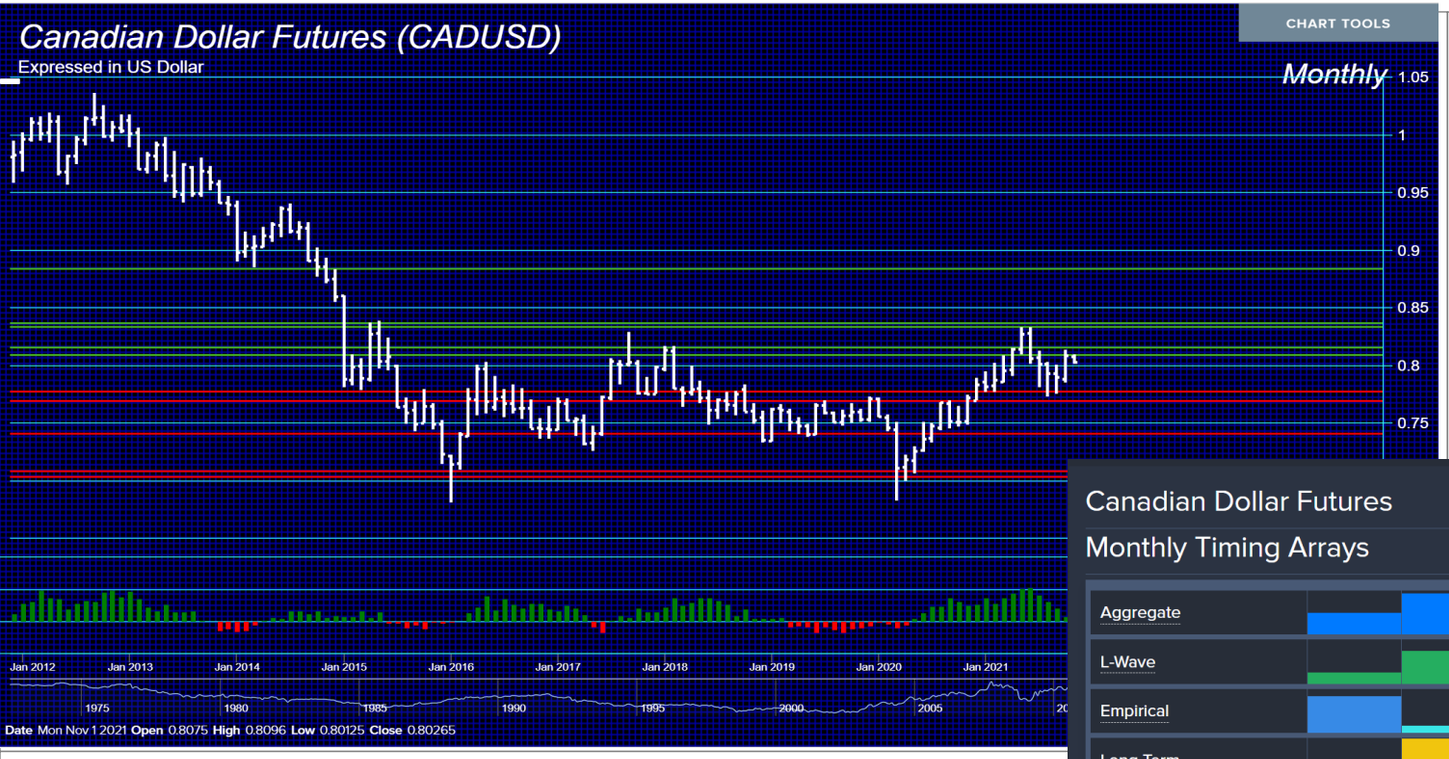

Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	0.8089	0.7770	0.7080
	0.8154	0.7690	0.7026
	0.8329	0.7403	
	0.8367		
	0.8837		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bearish	Bullish	Bullish	Bullish	No Change

EURO (as of YEARLY close – 2020)

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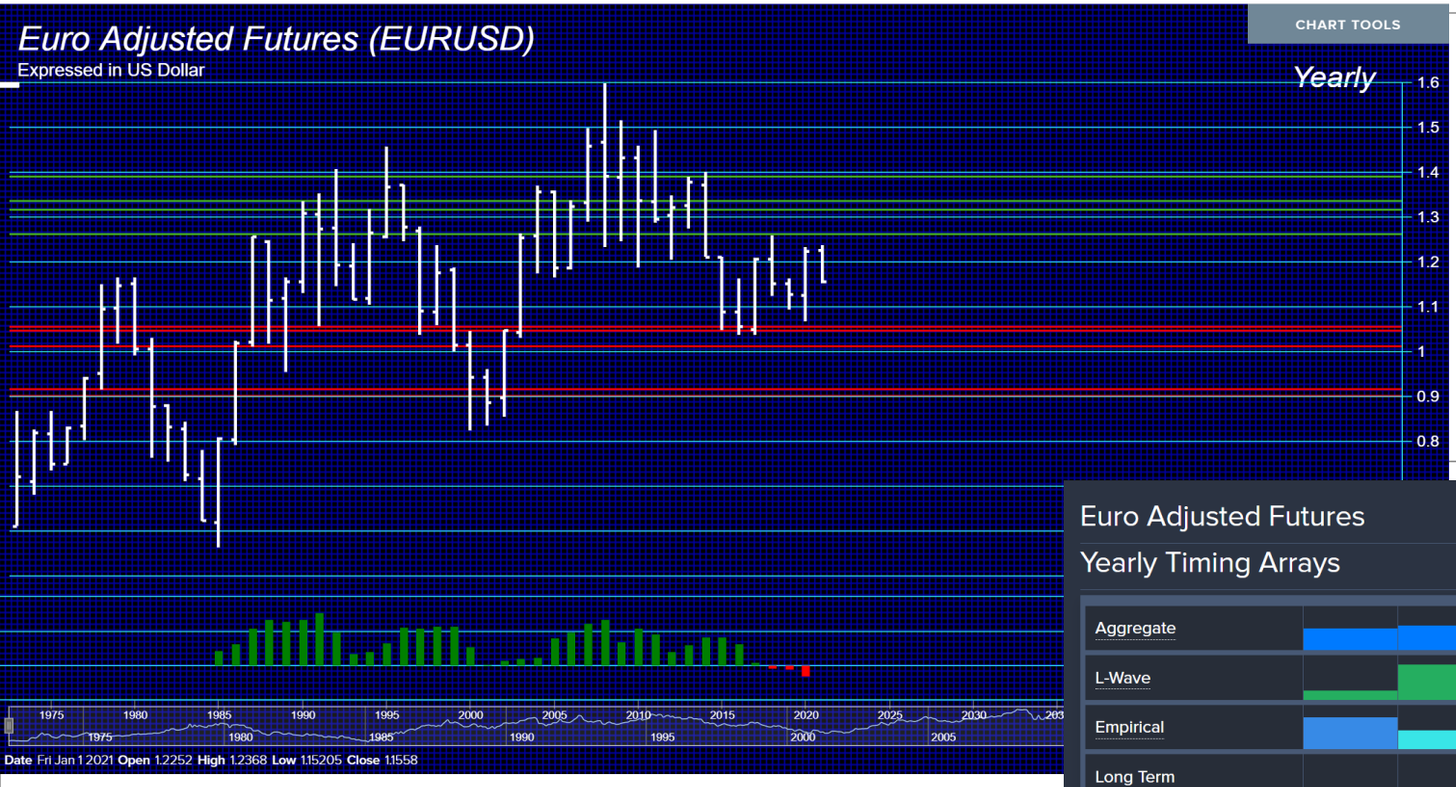

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Yearly Reversals

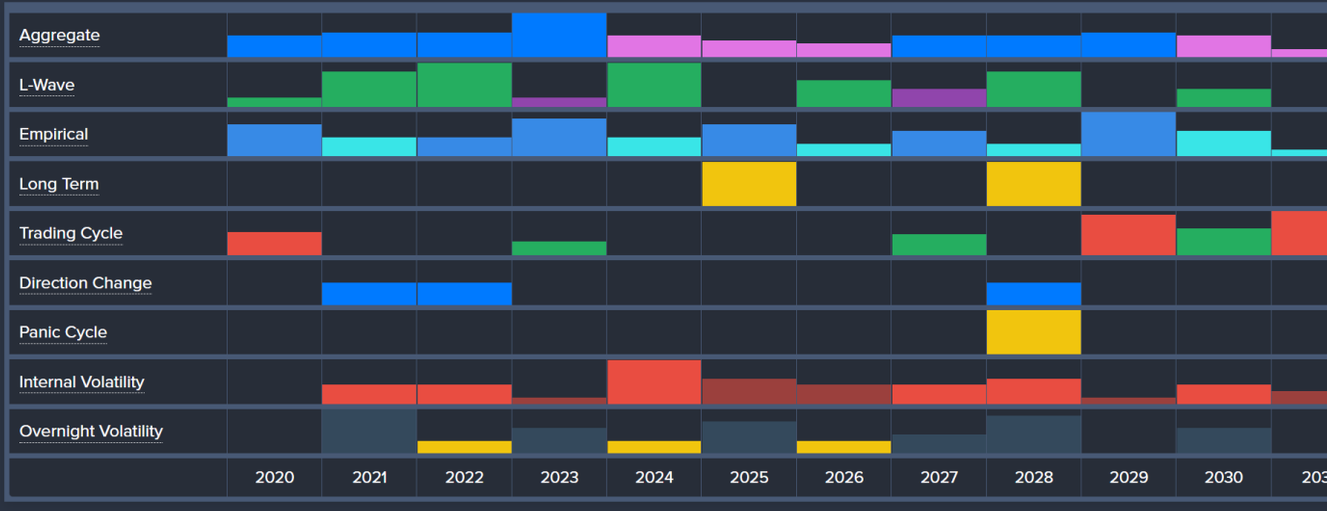
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.2624			1.0562
1.3166			1.0472
1.3346			1.0120
1.3894			0.9162
			0.9000

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bearish	Neutral	Bullish	No Change

Euro Adjusted Futures

Yearly Timing Arrays



EURO (as of QUARTERLY close – Sept 2021)

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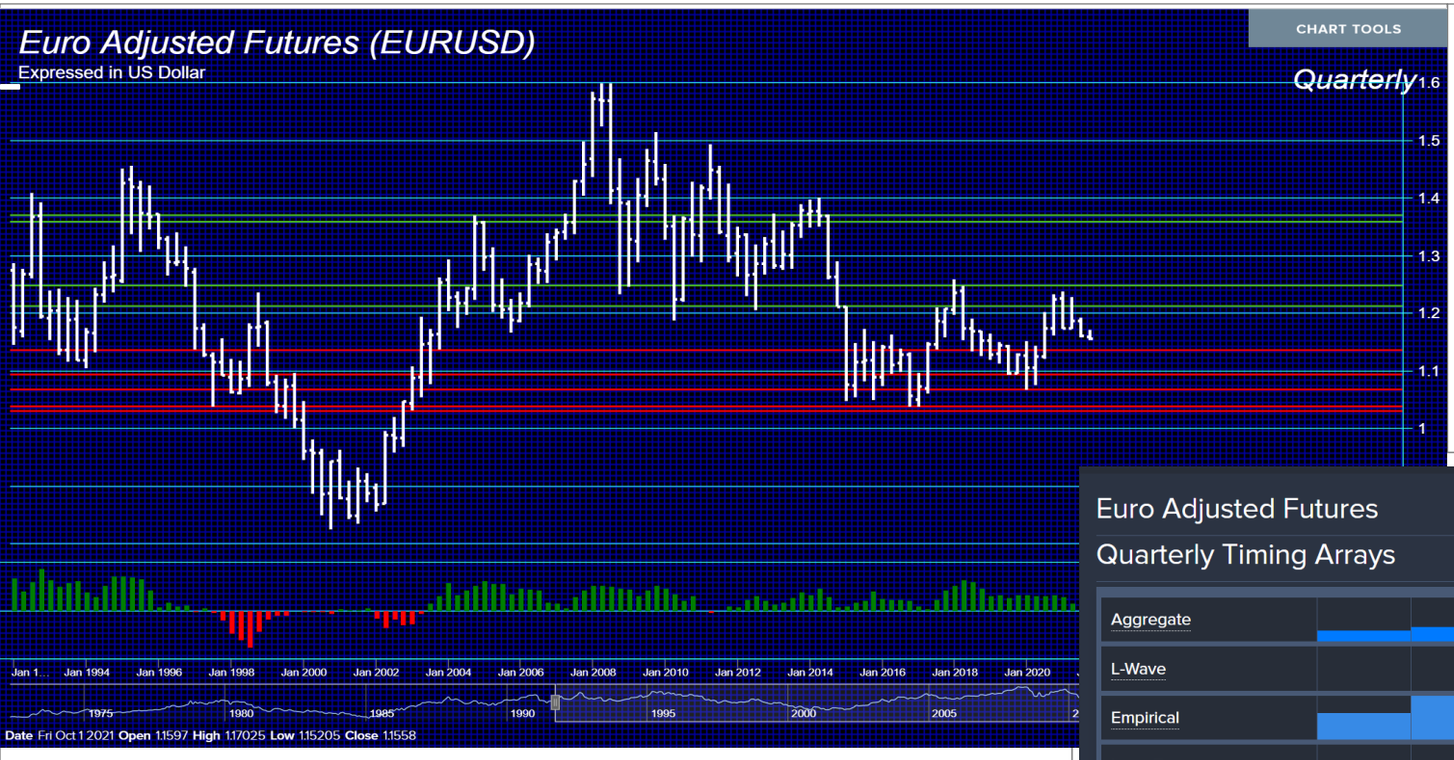

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Quarterly Reversals

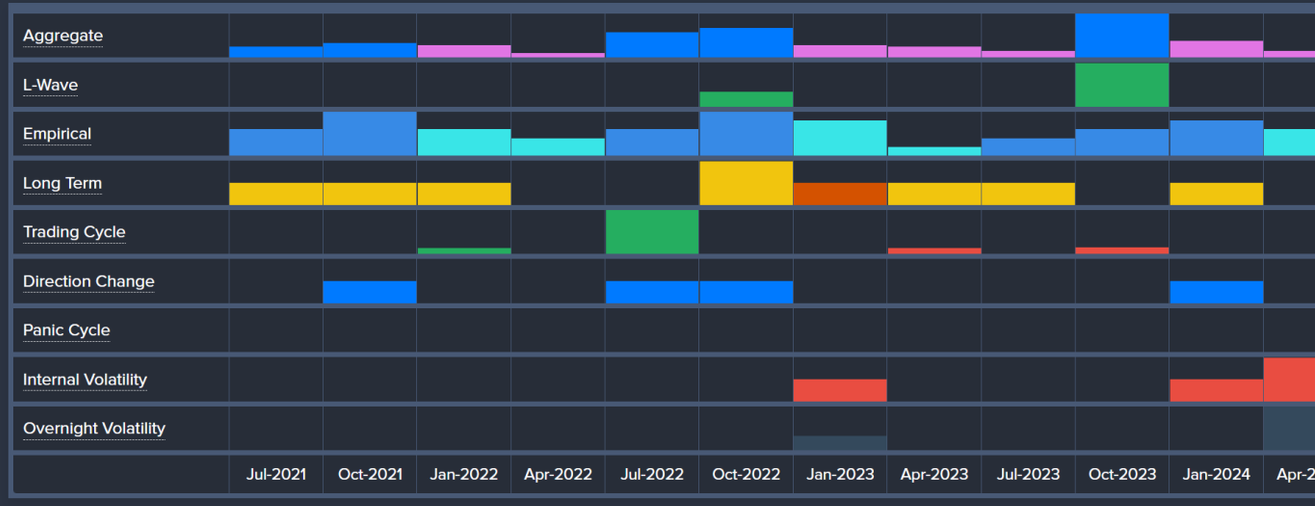
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.3574	1.2114		1.1355
1.3695	1.2469		1.0927
			1.0670
			1.0371
			1.0301

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bullish	Neutral	Neutral	Bearish	Down 1 Quarter

Euro Adjusted Futures

Quarterly Timing Arrays



EURO (as of MONTHLY close – Oct 2021)

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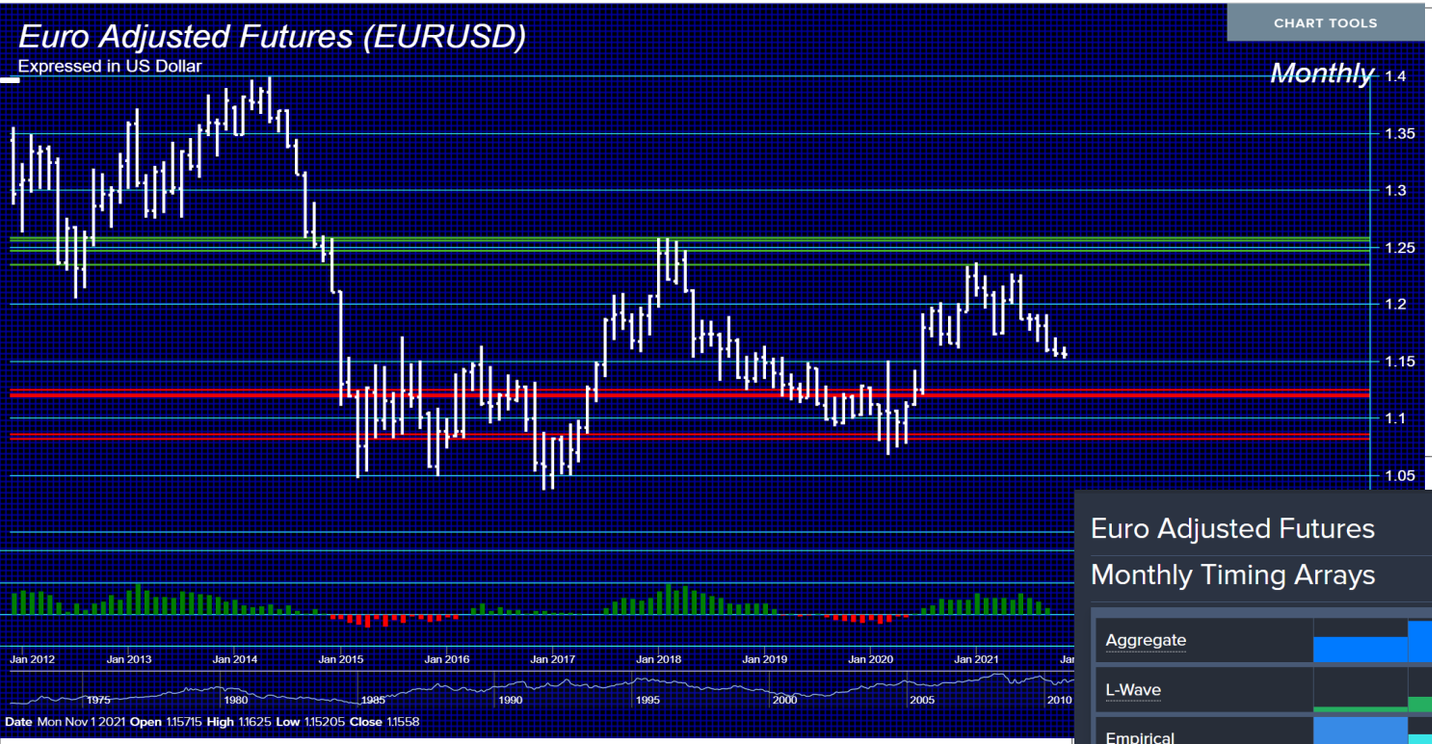


Monthly Reversals

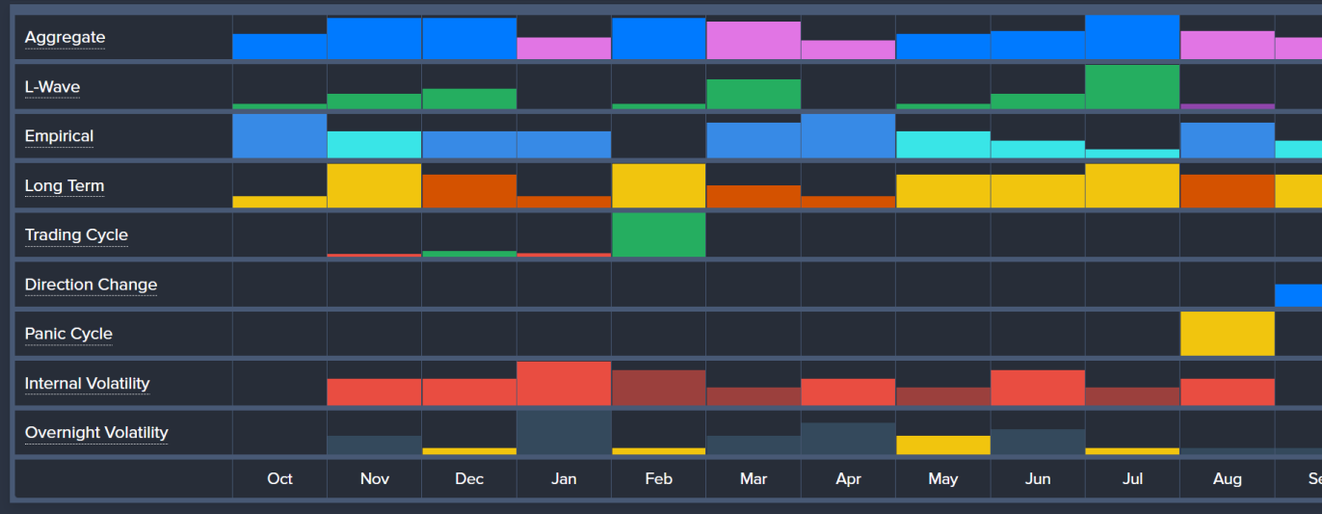
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.2580	1.2340	1.1245	1.1184
	1.2469	1.1201	1.0857
	1.2554		1.0816
	1.2580		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bearish	Bullish	Bearish	Down 2 Months

Euro Adjusted Futures

Monthly Timing Arrays



EURODOLLAR (as of YEARLY close – 2020)

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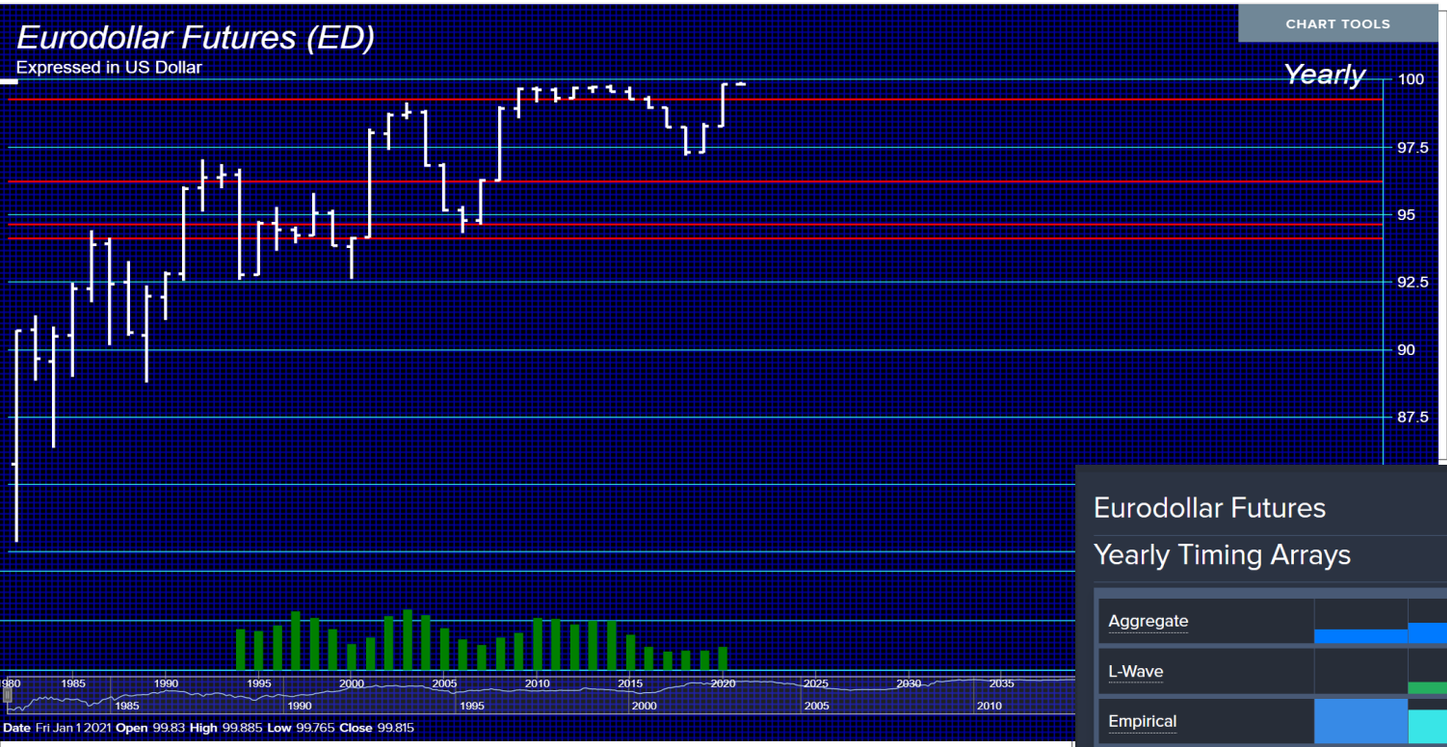


Yearly Reversals

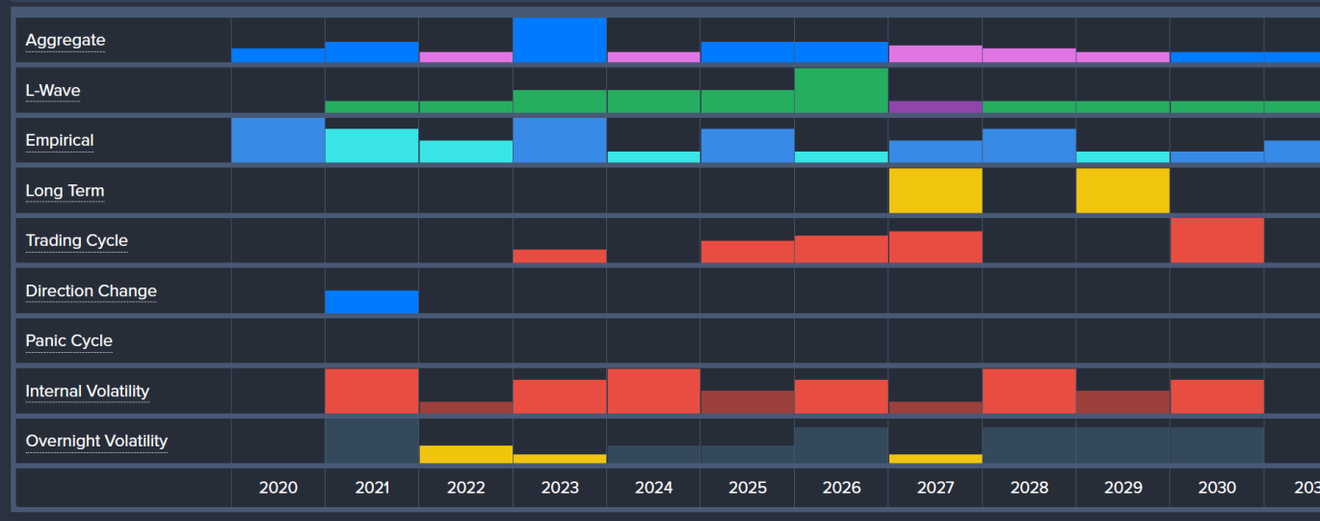
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		99.24	96.22
		94.61	94.10

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Eurodollar Futures

Yearly Timing Arrays



EURODOLLAR (as of QUARTERLY close – Sept 2021)

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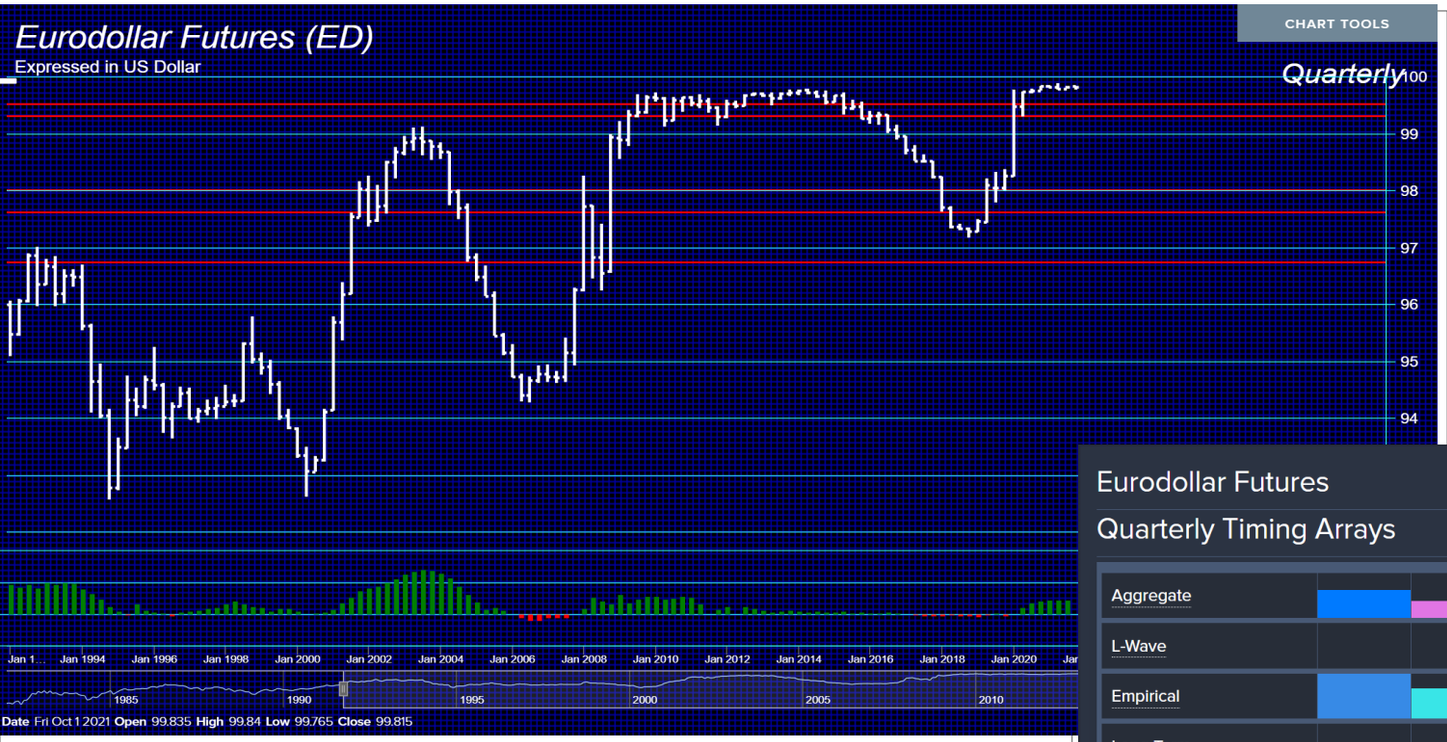

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Quarterly Reversals

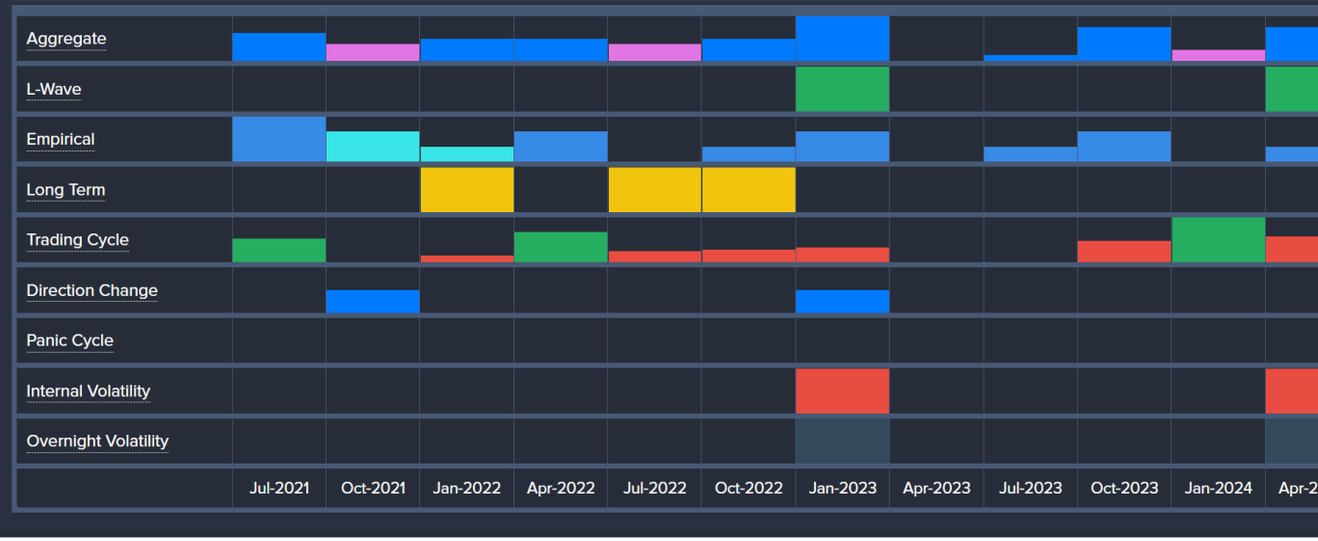
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		99.51	96.74
		99.30	
		98.00	
		97.62	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Bullish	Bearish	No Change

Eurodollar Futures

Quarterly Timing Arrays



EURODOLLAR (as of MONTHLY close – Oct 2021)

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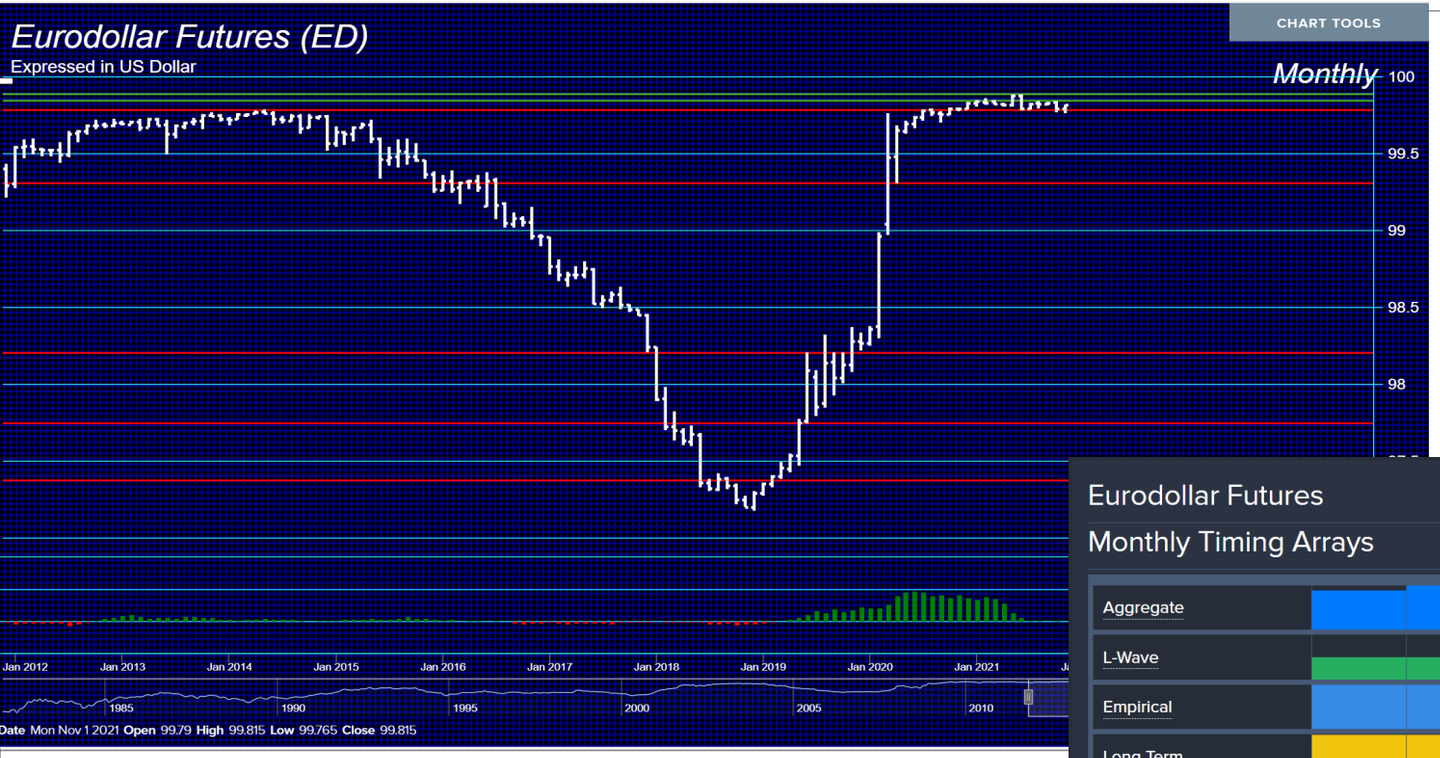

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Monthly Reversals

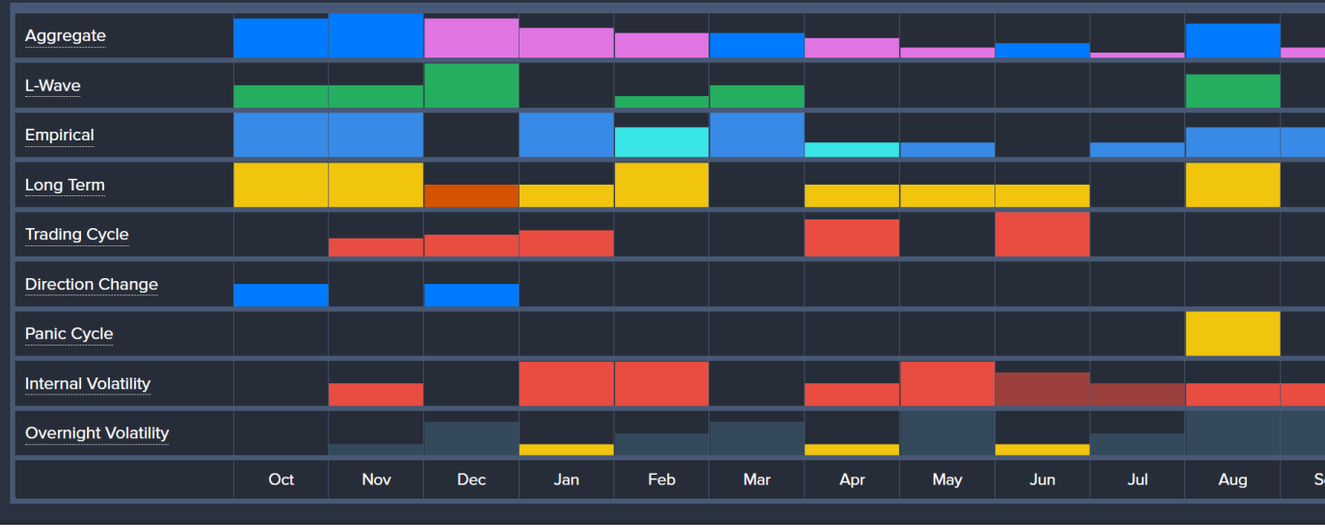
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	Dbl 99.85	99.78	99.30
	99.88	97.37	98.20
			97.74

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Bearish	Bullish	Bullish	Bearish	Down 1 Month

Eurodollar Futures

Monthly Timing Arrays



POUND STERLING (as of YEARLY close – 2020)

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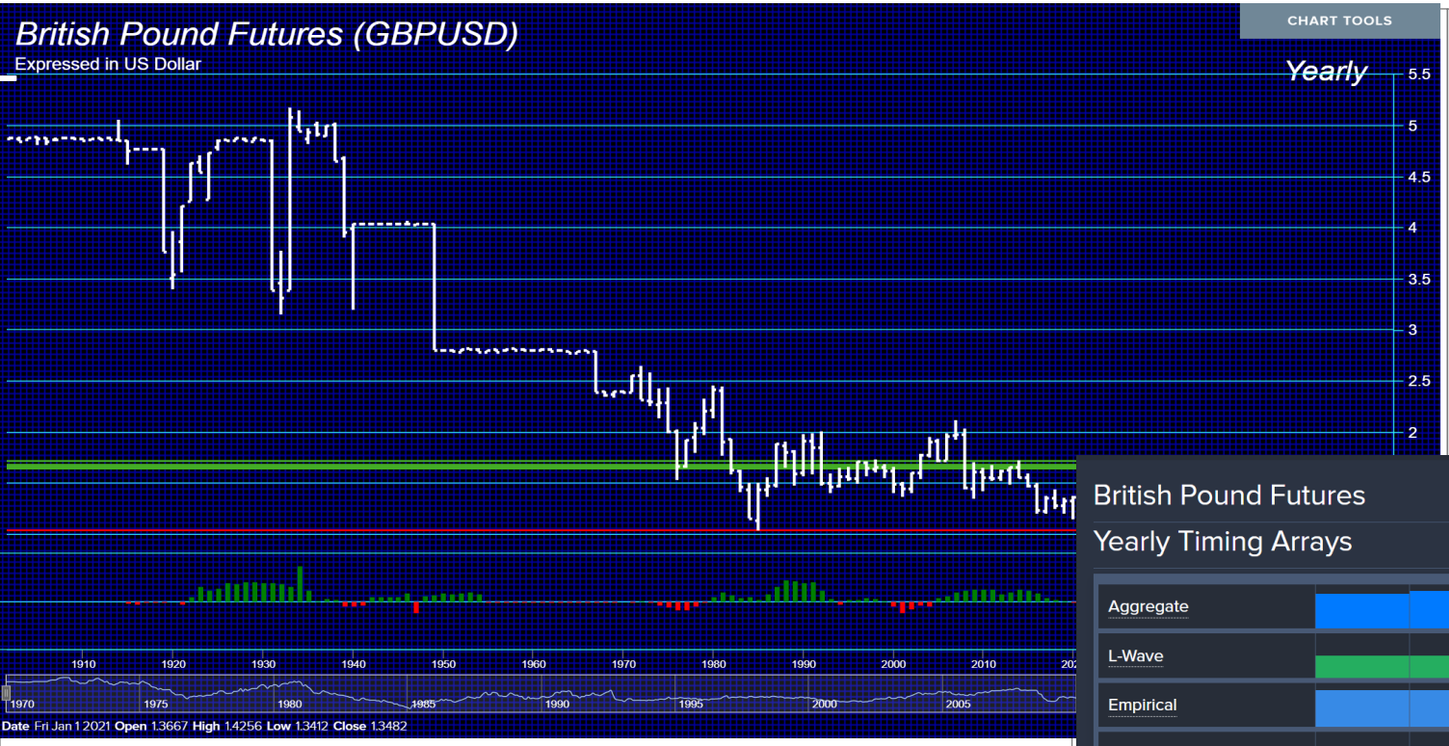

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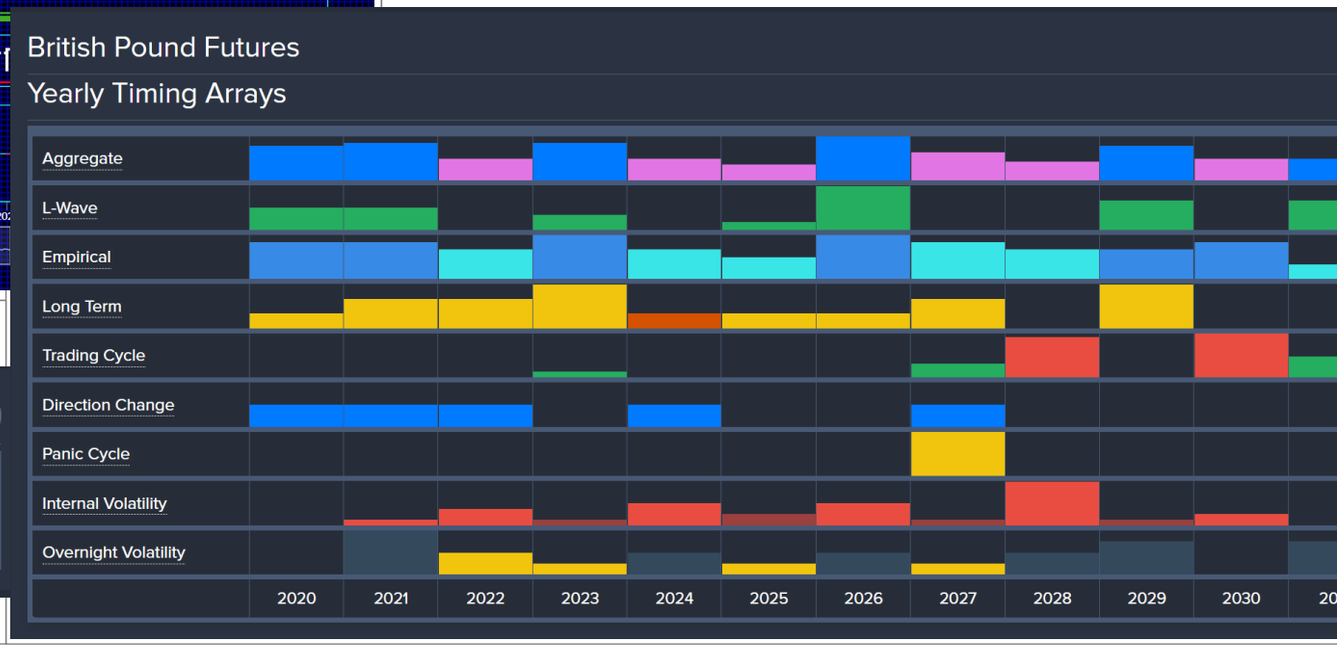
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.6437	1.6579		1.0344
1.7129	1.6739		

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bearish	Bearish	Bearish	Bearish	No Change



POUND STERLING (as of QUARTERLY close – Sept 2021)

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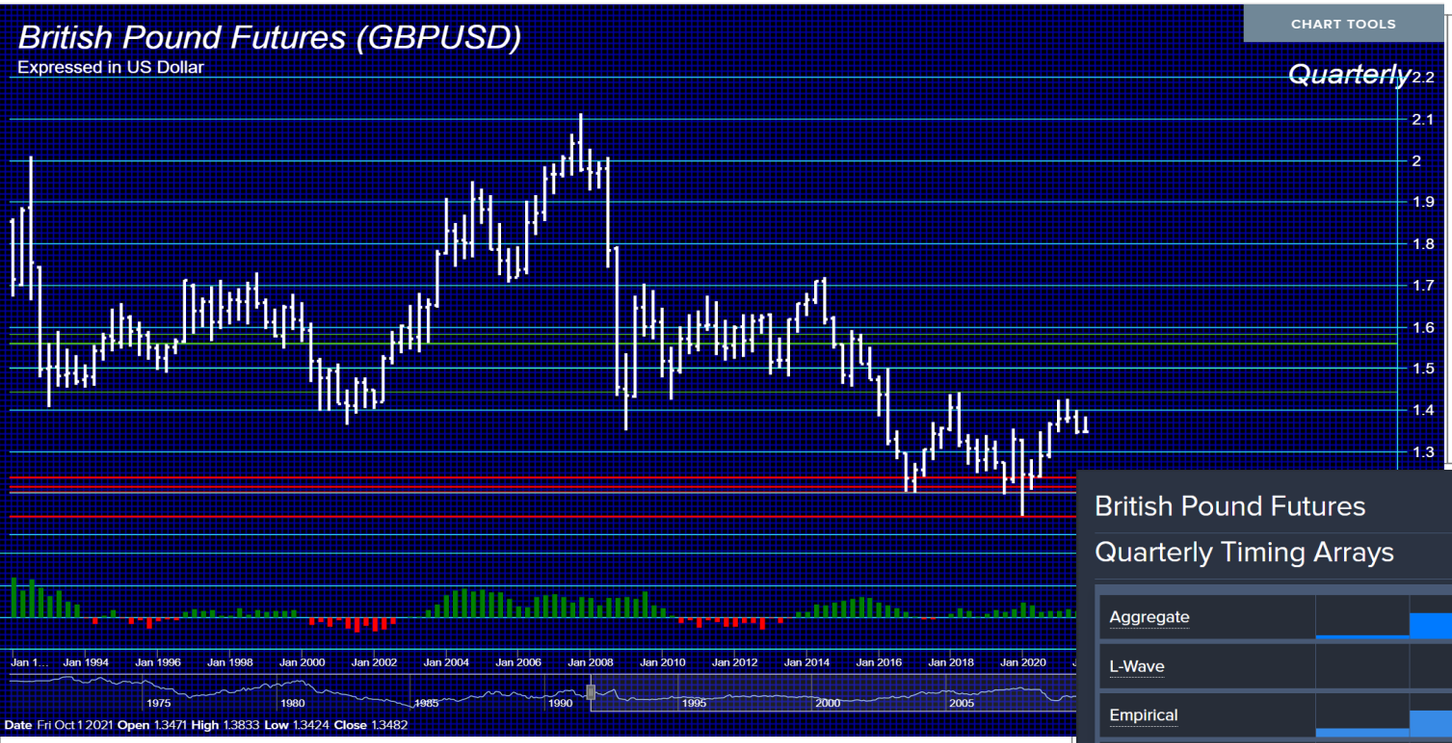

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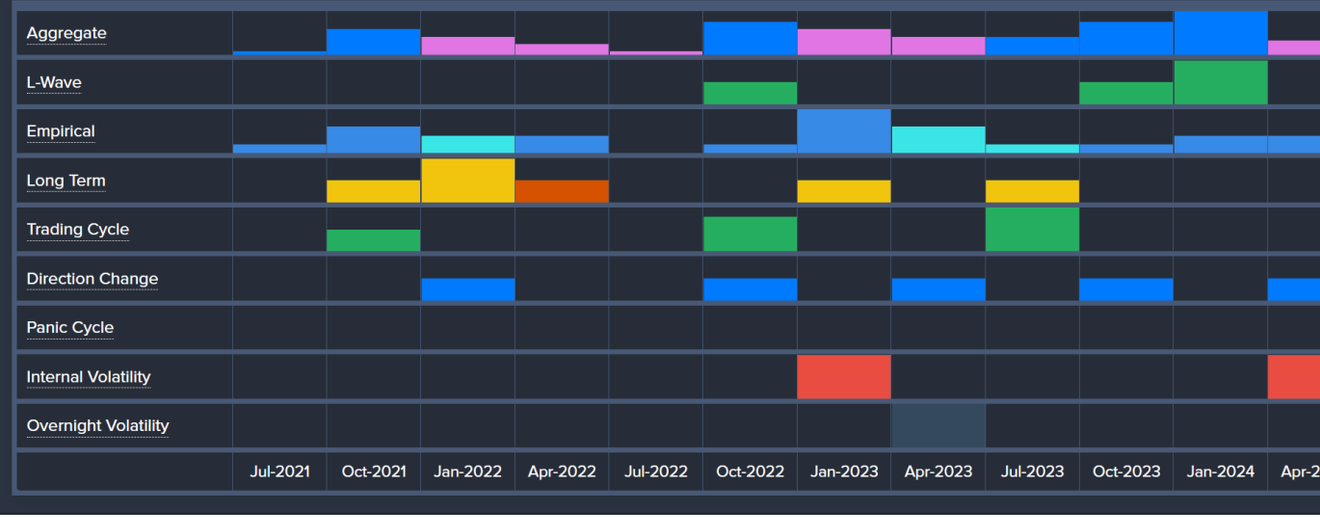
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	1.4414	1.2364	1.2000
	1.5010	1.2144	1.0344
	1.5578	1.1437	
	1.5818		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Neutral	Bearish	Bearish	Down 1 Quarter

British Pound Futures
Quarterly Timing Arrays



POUND STERLING (as of MONTHLY close – Oct 2021)

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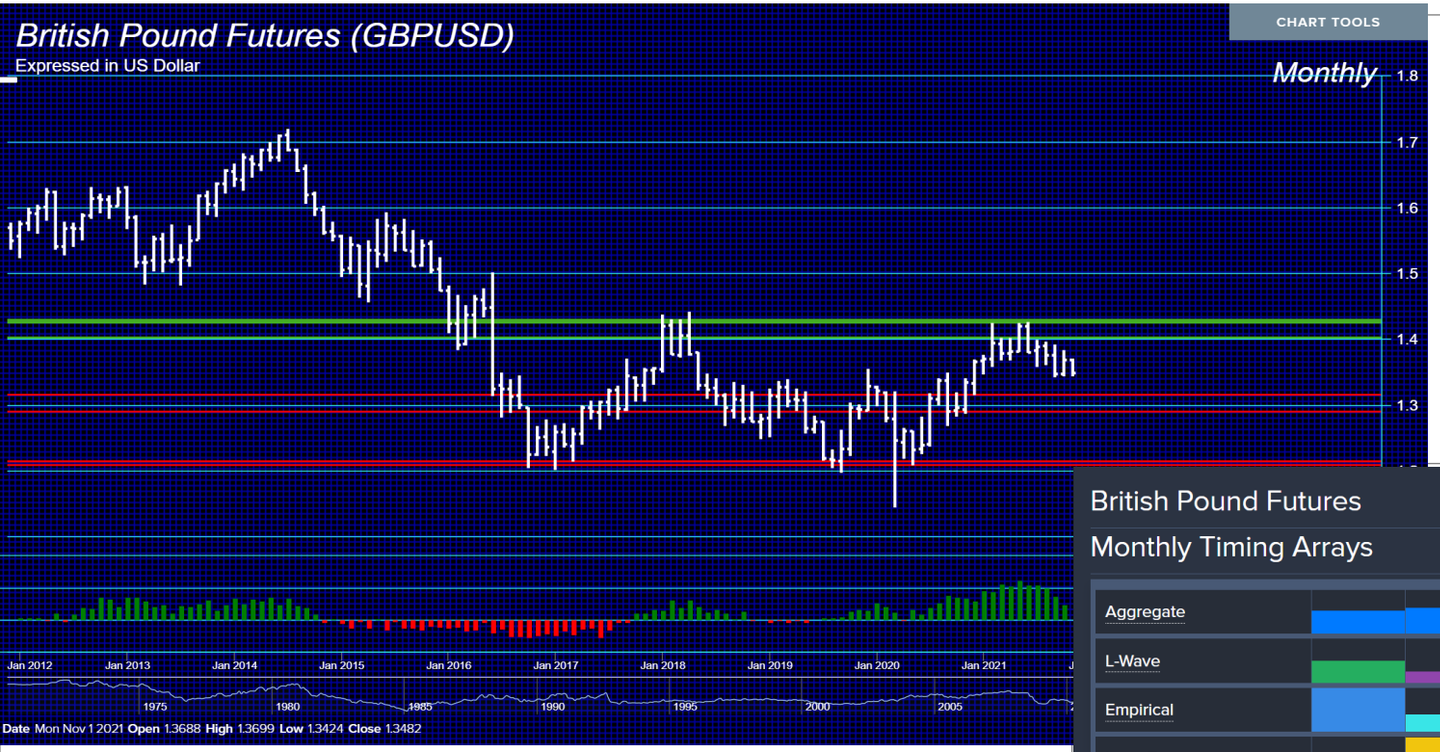

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Monthly Reversals

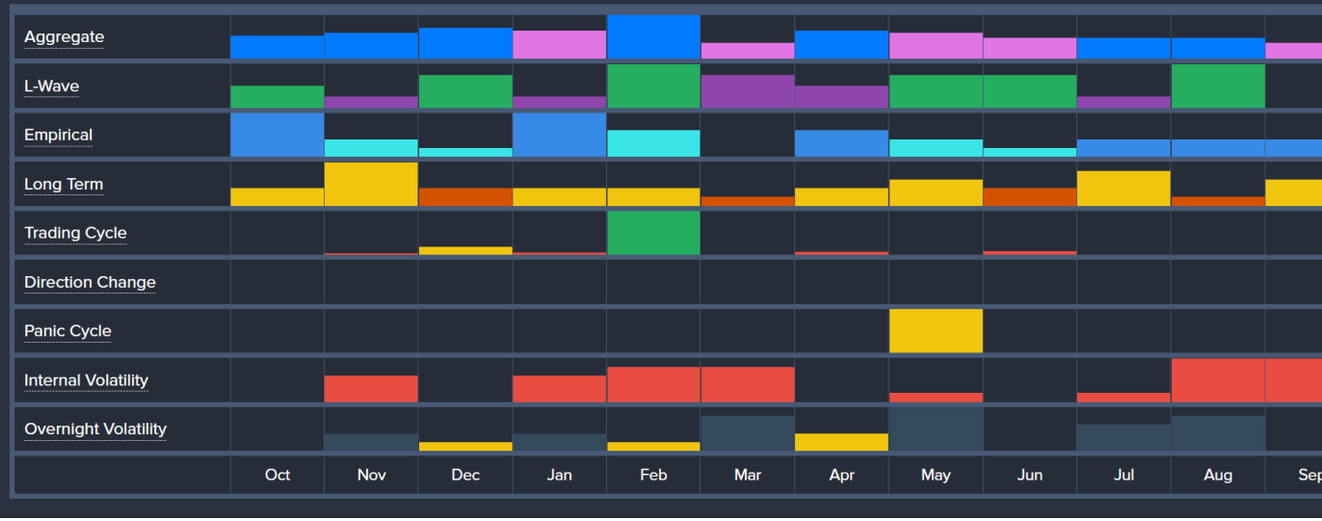
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	1.4013	1.3145	1.2146
	1.4019	1.2898	
	1.4246	1.2133	
	1.4256	1.2078	
	1.4295		

Monthly Indicating Ranges

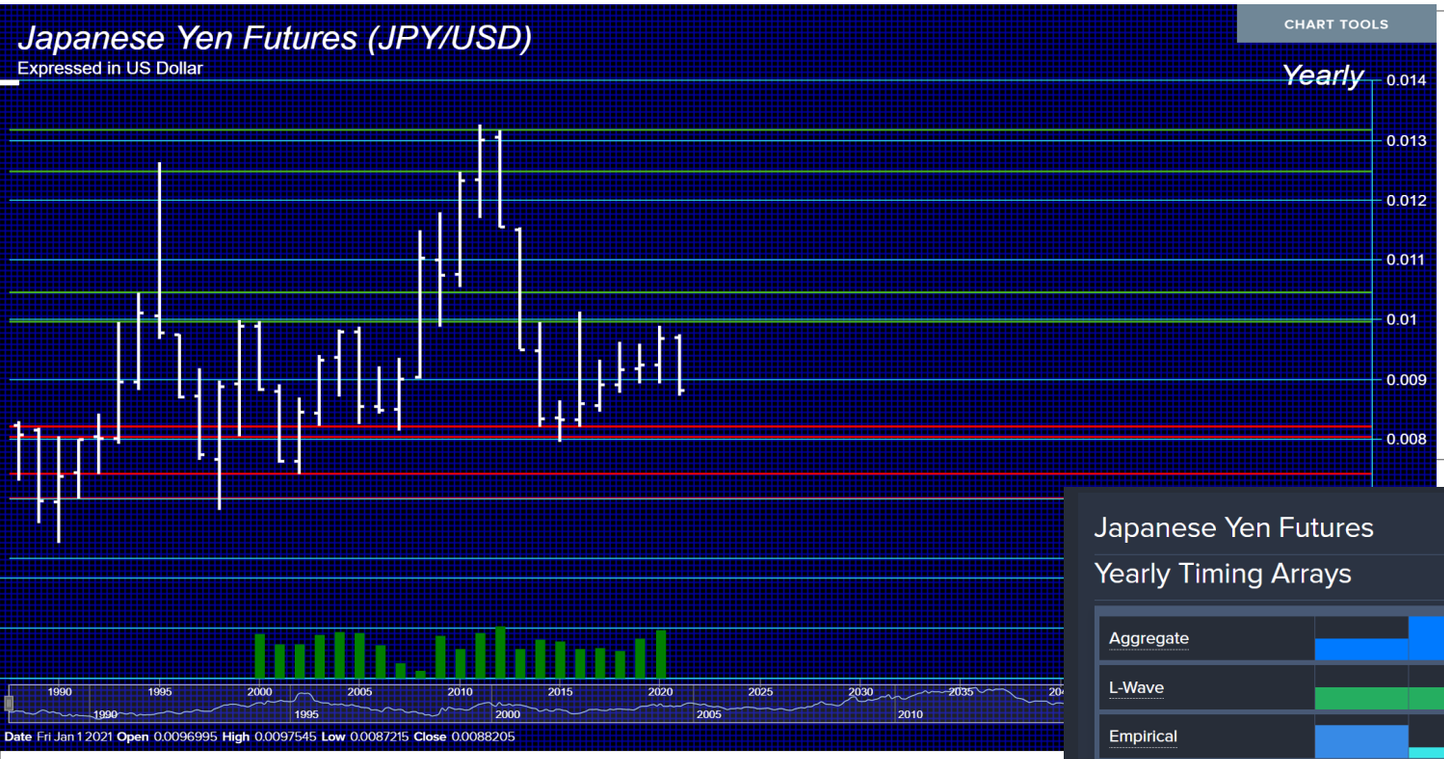
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bearish	Bullish	Bullish	Bearish	No Change

British Pound Futures

Monthly Timing Arrays



YEN (as of YEARLY close – 2020)



fro

Yearly Reversals

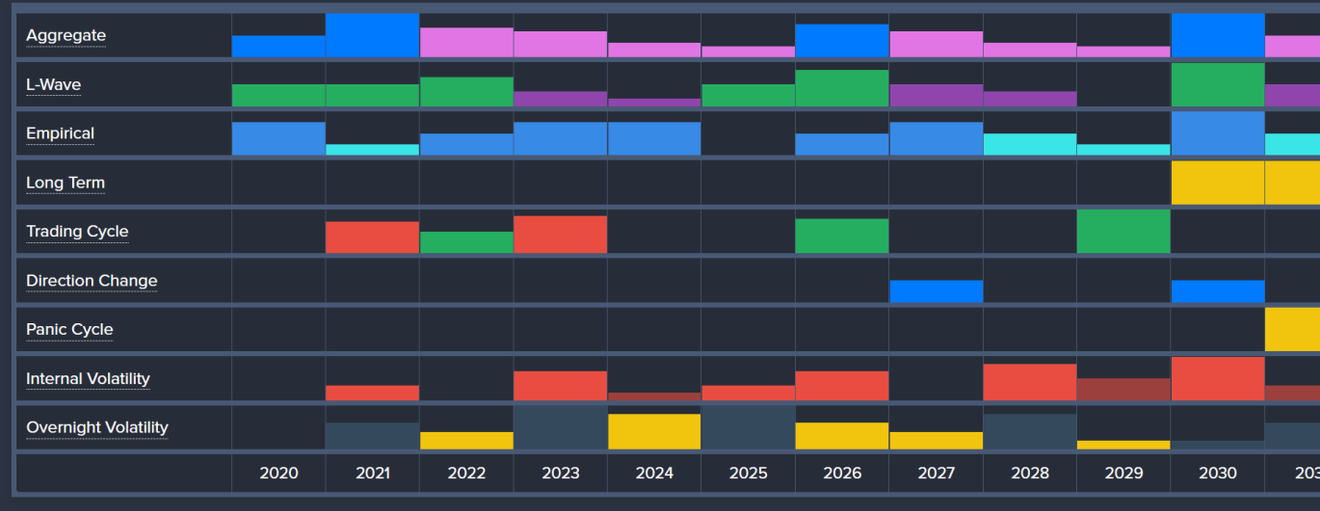
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.009957		0.007002	0.008210
0.010443			0.008206
0.012467			0.008030
0.013170			0.007414

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Neutral	Bullish	No Change

Japanese Yen Futures

Yearly Timing Arrays



YEN (as of QUARTERLY close – Sept 2021)

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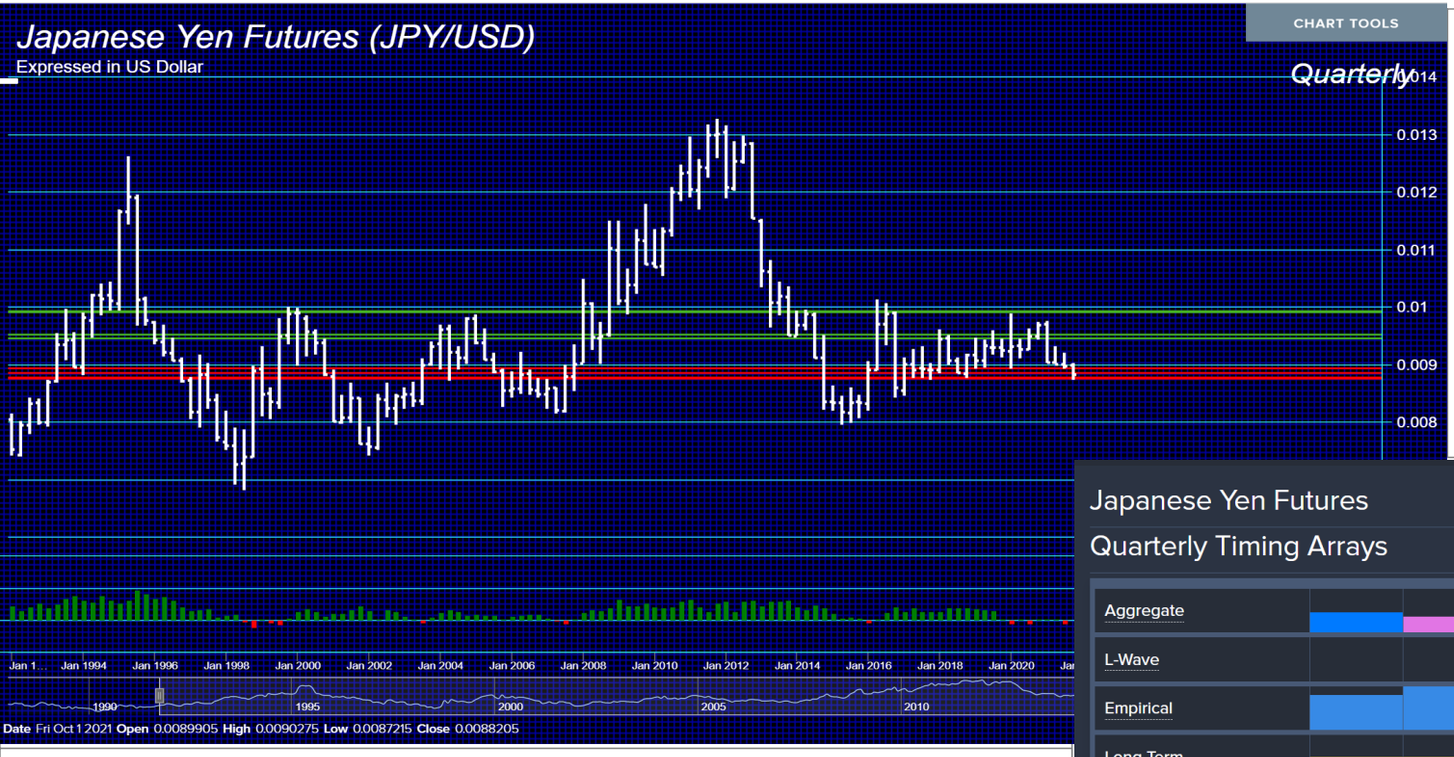

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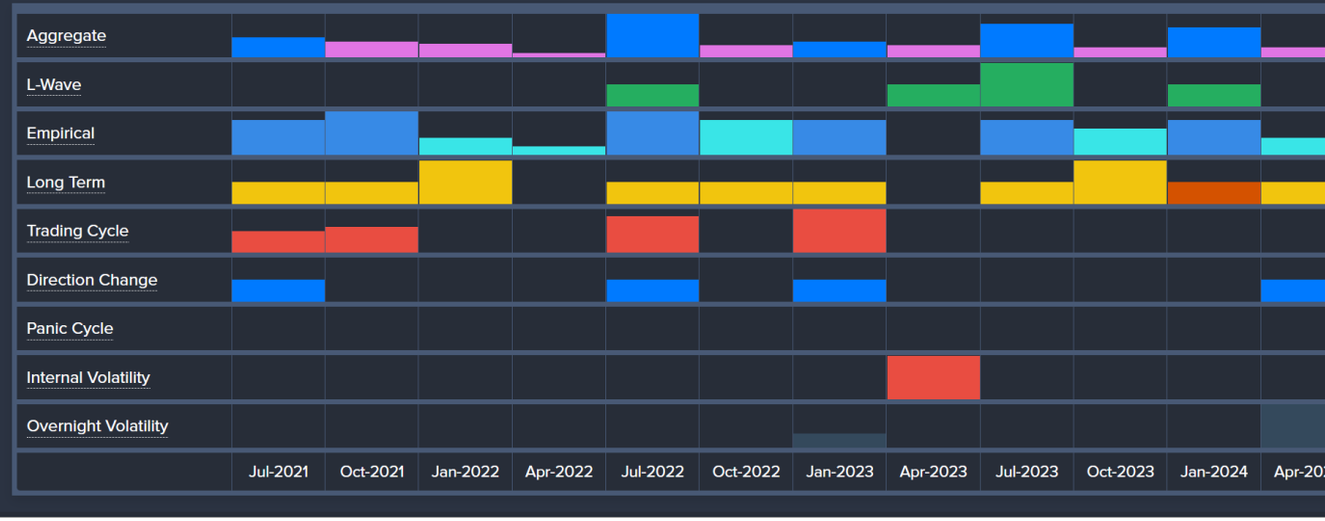
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.009900	0.009442	0.008933	0.008848
0.009928	0.009512	0.008766	0.008760
			0.008753

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bearish	Bullish	Bearish	Down 1 Quarter

Japanese Yen Futures
Quarterly Timing Arrays



YEN (as of MONTHLY close – Oct 2021)

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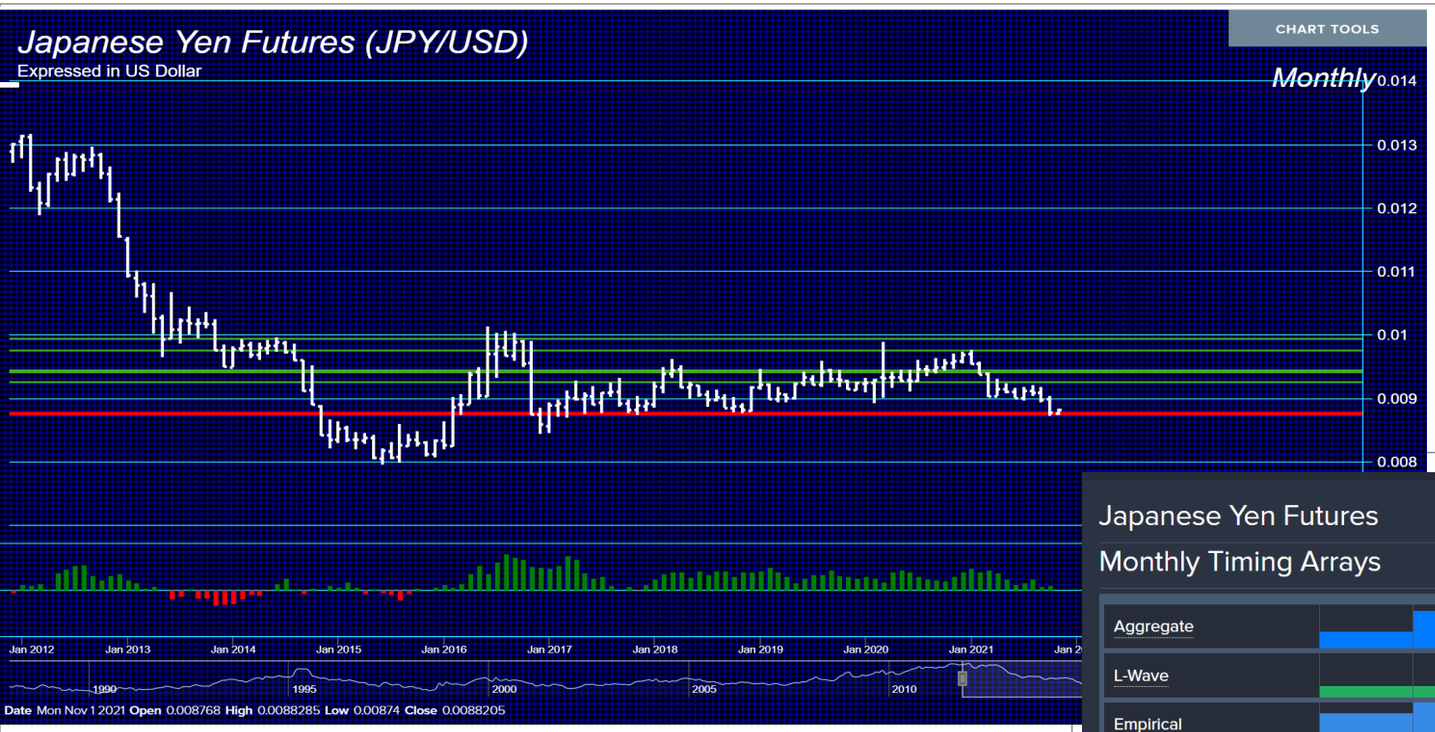

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Monthly Reversals

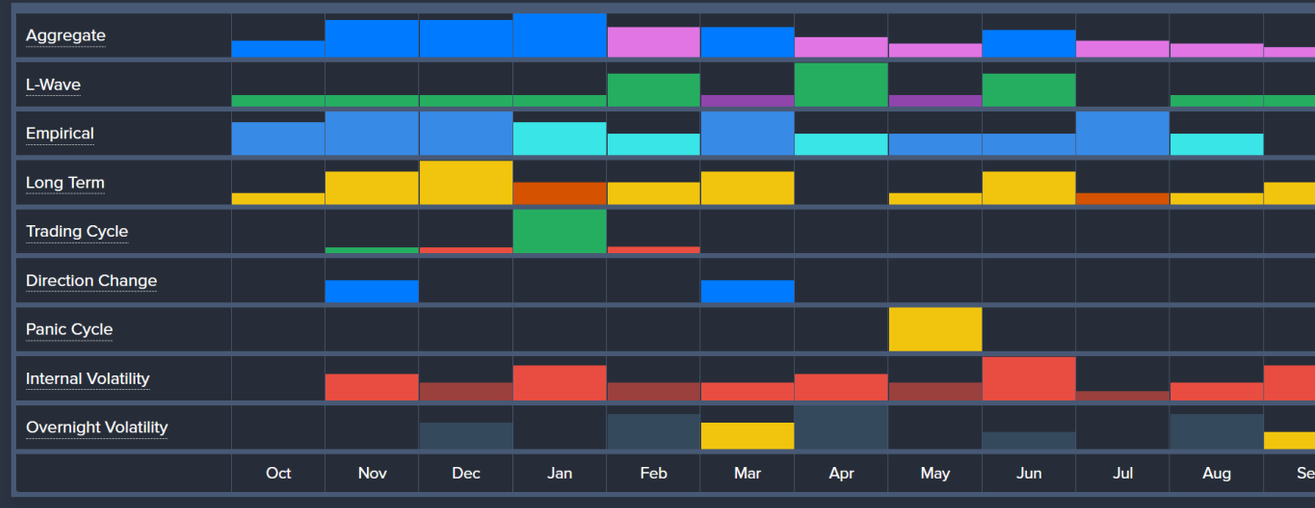
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.009930	0.009247	0.008754	0.008773
	0.009403		0.008760
	0.009442		0.008753
	0.009755		0.008734

Monthly Indicating Ranges

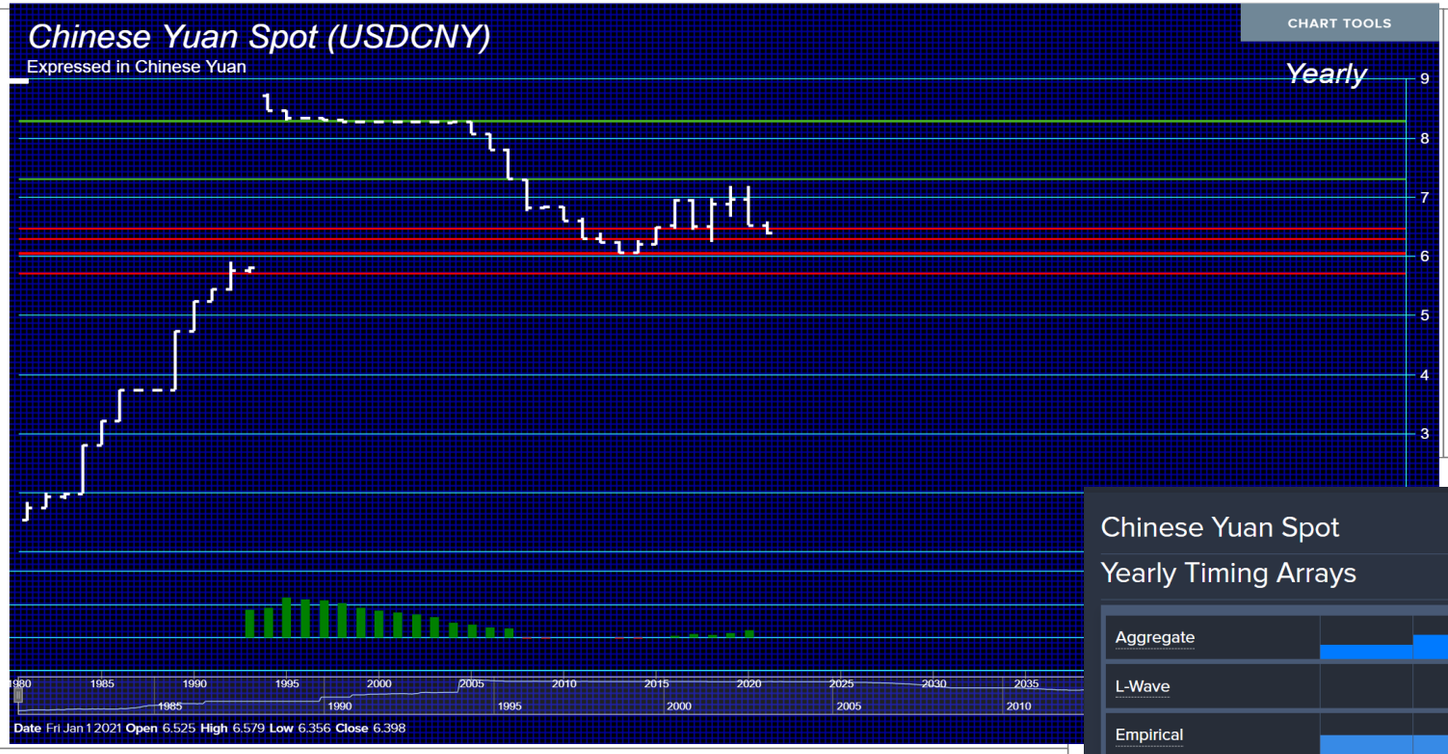
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Months

Japanese Yen Futures

Monthly Timing Arrays



CNY (as of YEARLY close – 2020)



Yearly Reversals

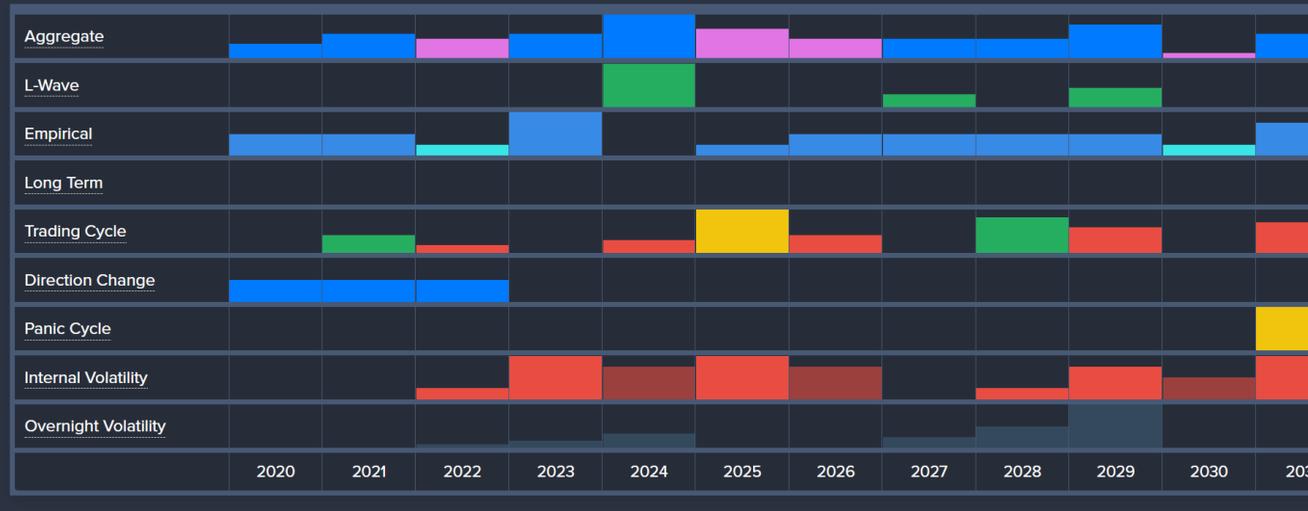
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
7.2935	8.2768	6.4527	6.2930
8.2776	8.2779	6.0401	6.0507
8.2800		5.7075	

Yearly Indicating Ranges

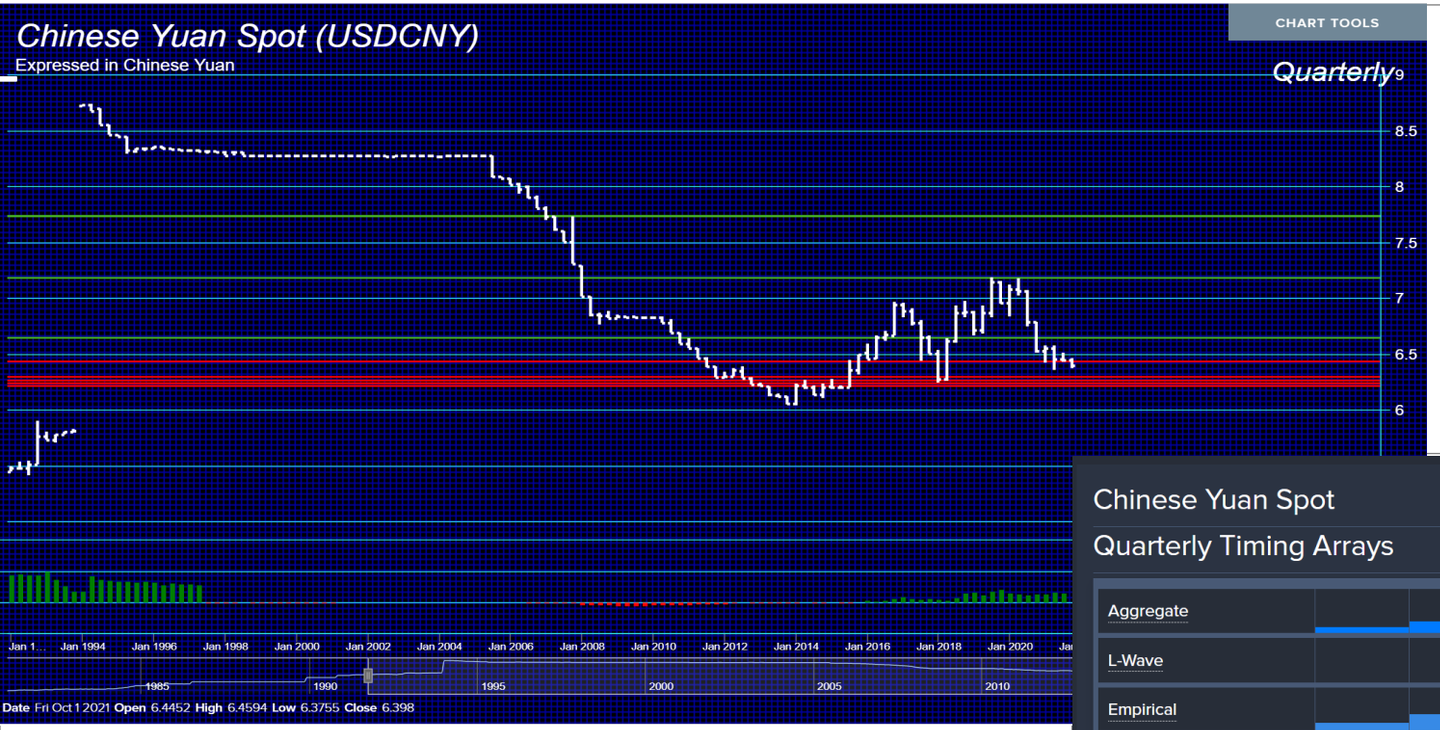
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Bullish	Bearish	Bearish	Bearish	Down 1 Year

Chinese Yuan Spot

Yearly Timing Arrays



CNY (as of QUARTERLY close – Sept 2021)



Quarterly Reversals

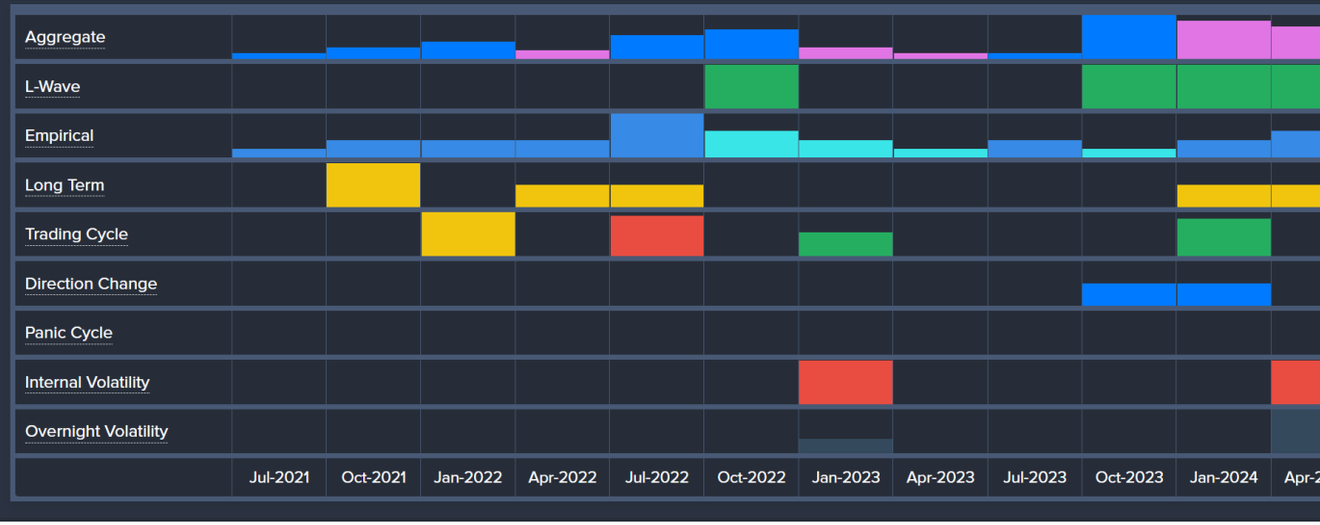
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
6.6400	7.7307	6.2600	6.4340
7.1780	7.7360	6.2106	6.2970
7.7300			6.2399

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Neutral	Bullish	Bullish	No Change

Chinese Yuan Spot

Quarterly Timing Arrays



CNY (as of MONTHLY close – Oct 2021)

Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
6.4890		6.3240	6.2600
6.5880			6.2399
6.7500			6.2092
6.7920			6.2000
6.9770			

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Neutral	Bearish	Bearish	Bearish	Down 2 Months

Chinese Yuan Spot

Monthly Timing Arrays

AUS DOLLAR (as of YEARLY close – 2020)

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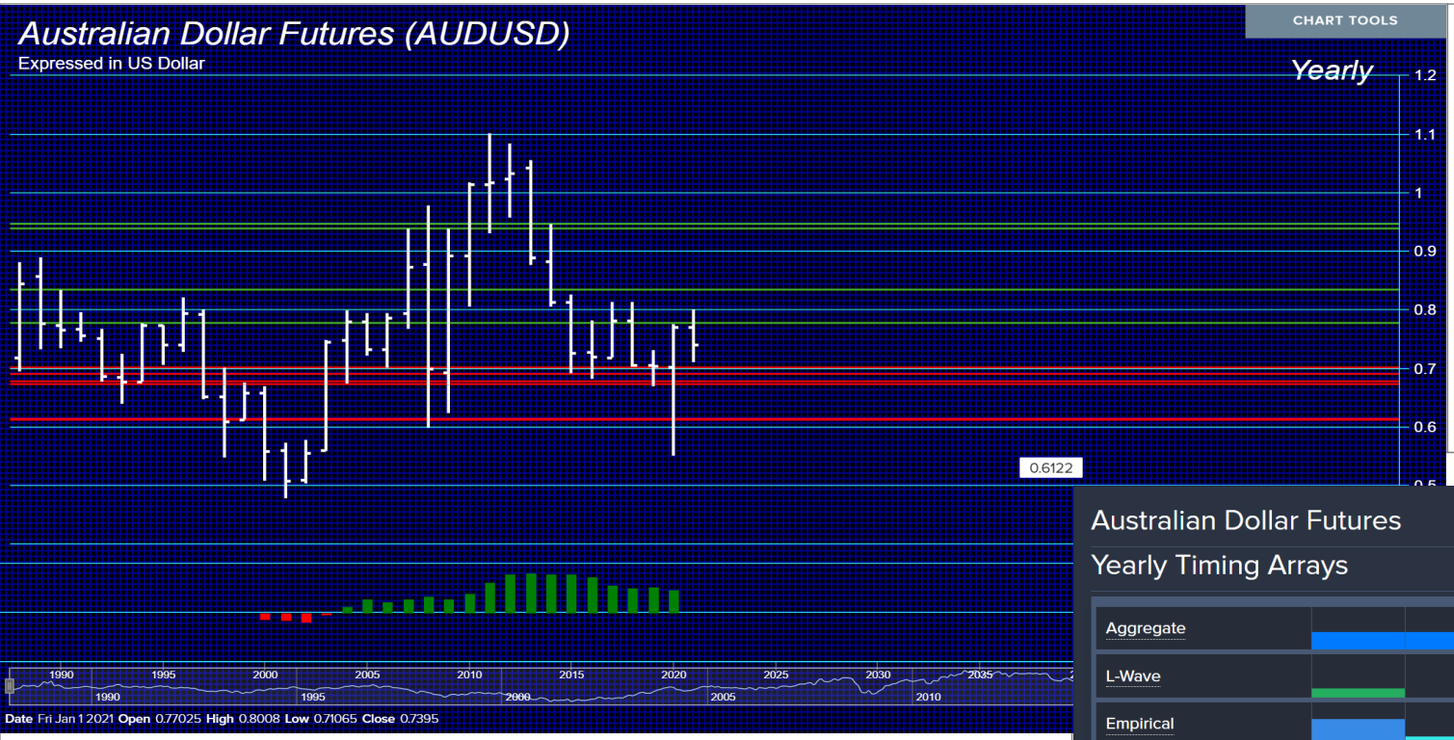

Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.7768	0.8336	0.7005	0.6904
0.9383			0.6774
0.9455			0.6720
			0.6122

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Neutral	Neutral	Bearish	No Change

AUS DOLLAR (as of QUARTERLY close – Sept 2021)

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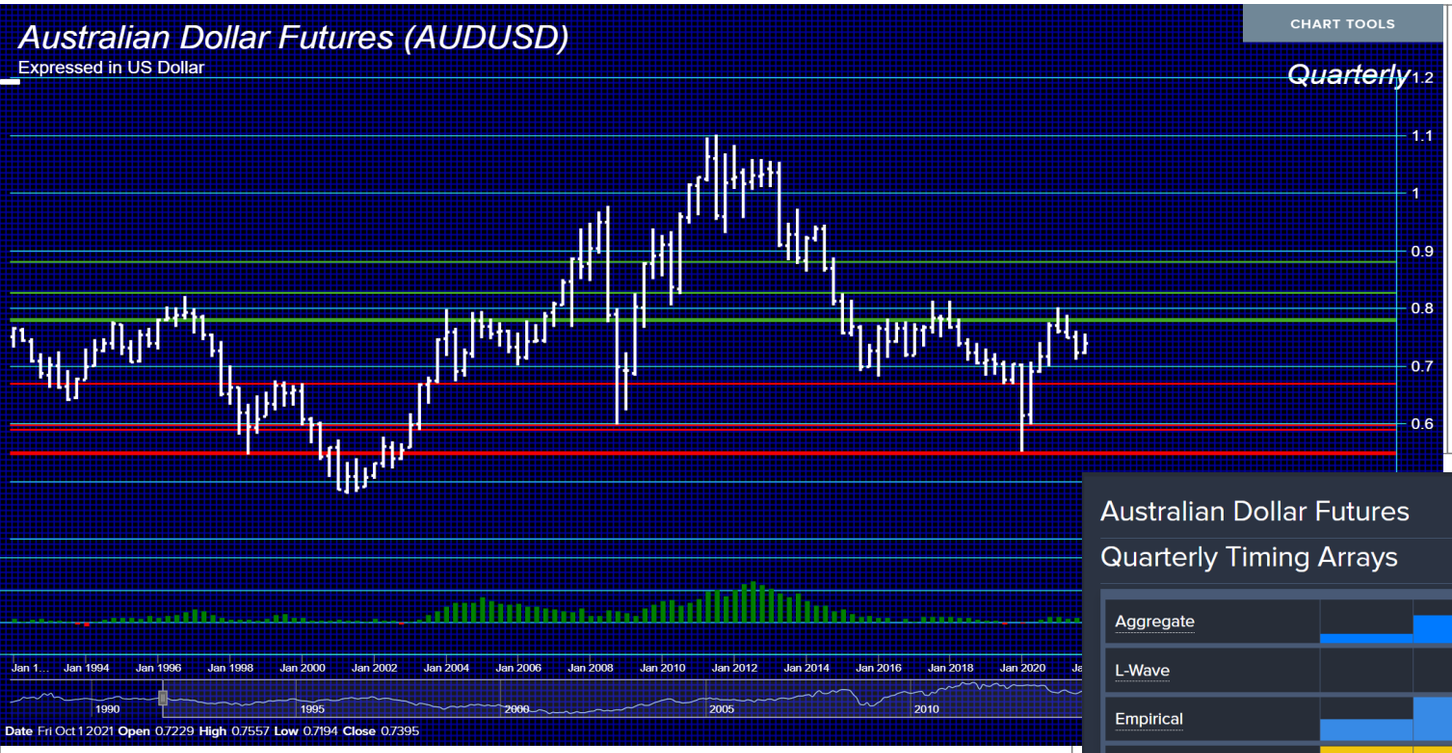


Quarterly Reversals

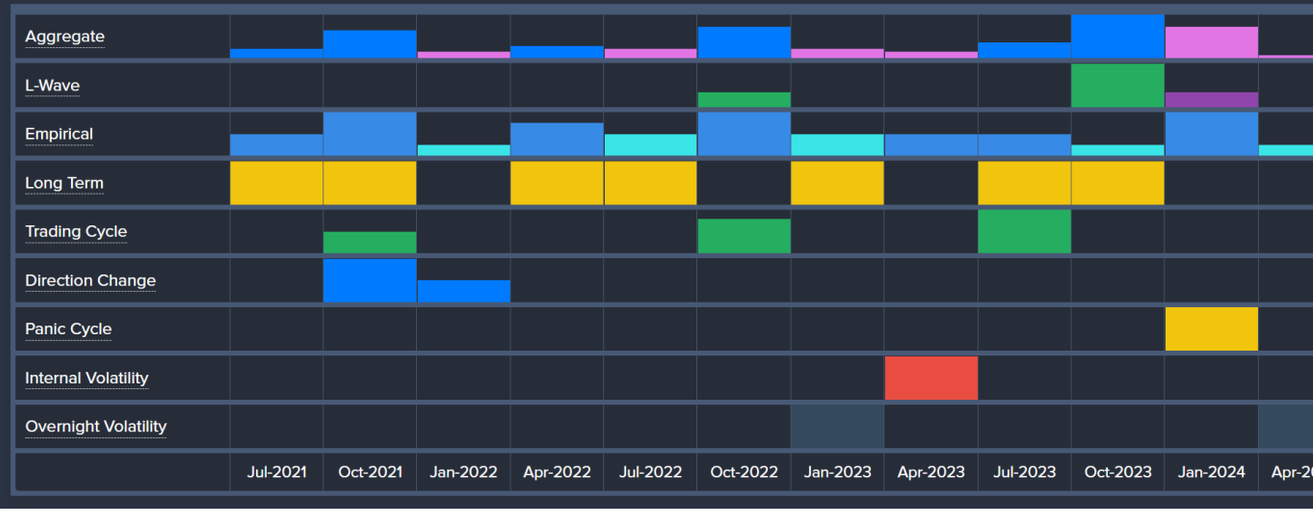
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.7772	0.7814	0.5886	0.6684
0.8262			0.5974
0.8795			0.5500
			0.5464

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Bullish	Bearish	Bearish	Bearish	Down 2 Quarters

Australian Dollar Futures

Quarterly Timing Arrays



EUR/CHF (as of YEARLY close – 2020)

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Yearly Reversals

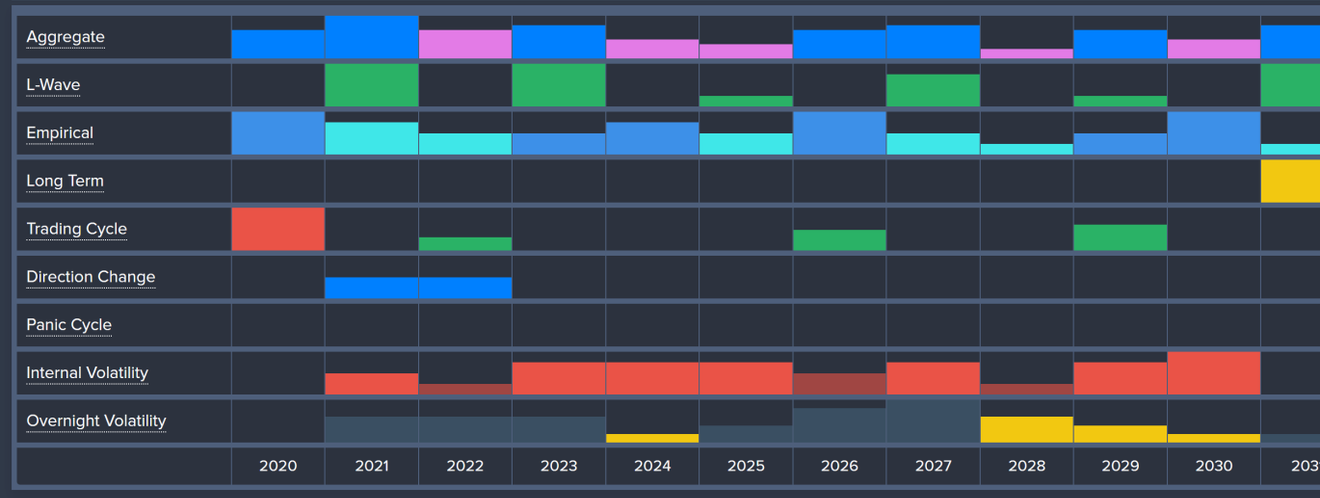
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.2050			
1.2654			
1.4892			
1.5155			

Yearly Indicating Ranges

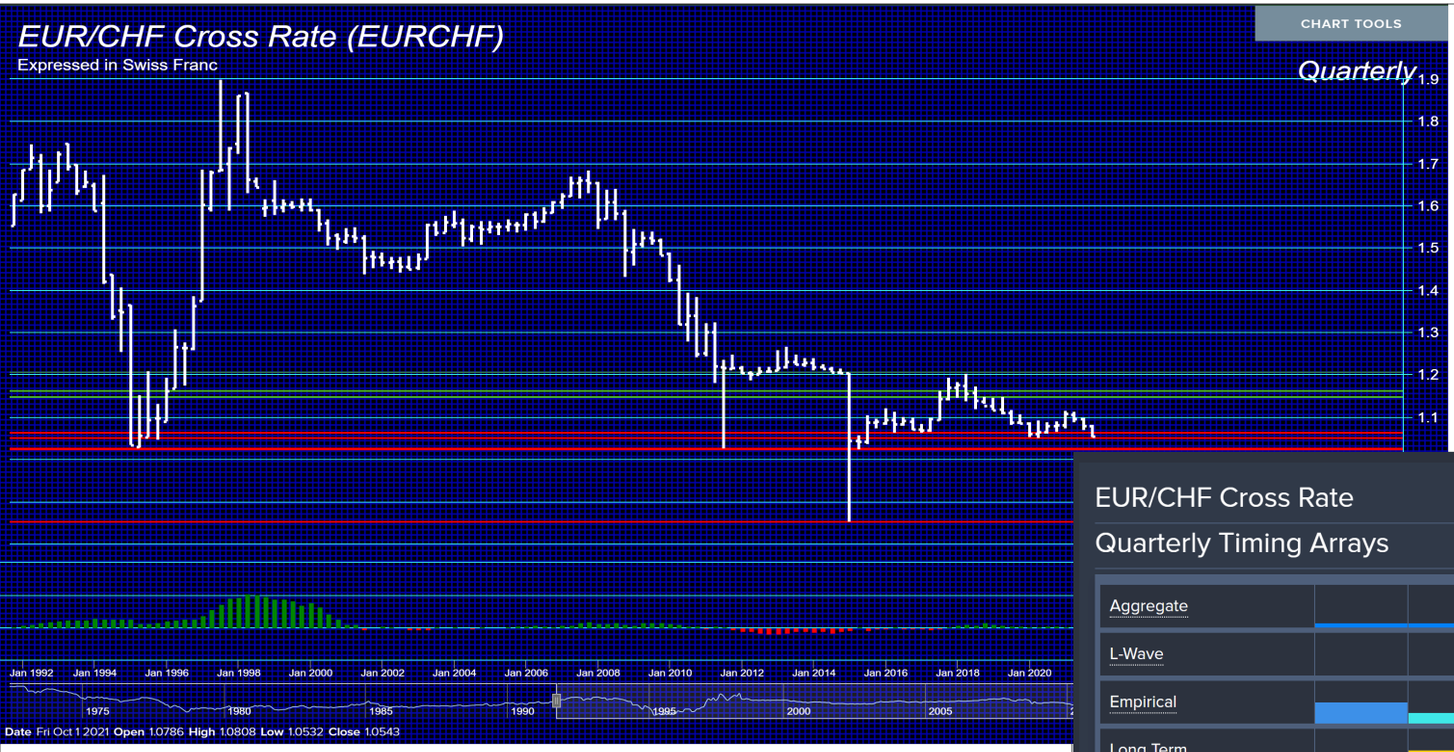
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Bearish	Bearish	Bearish	Down 2 Years

EUR/CHF Cross Rate

Yearly Timing Arrays



EUR/CHF (as of QUARTERLY close – Sept 2021)



Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.1470	1.1625	1.0257	1.0631
1.1478	1.2050	0.8516	1.0504
			1.0233

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Bearish	Neutral	Bearish	Down 1 Quarter

EUR/CHF Cross Rate

Quarterly Timing Arrays

EUR/CHF (as of MONTHLY close – Oct 2021)

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Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	1.1130		1.0507
	1.1160		1.0360
	1.1450		1.0295
	1.1456		1.0277
	1.1478		1.0268

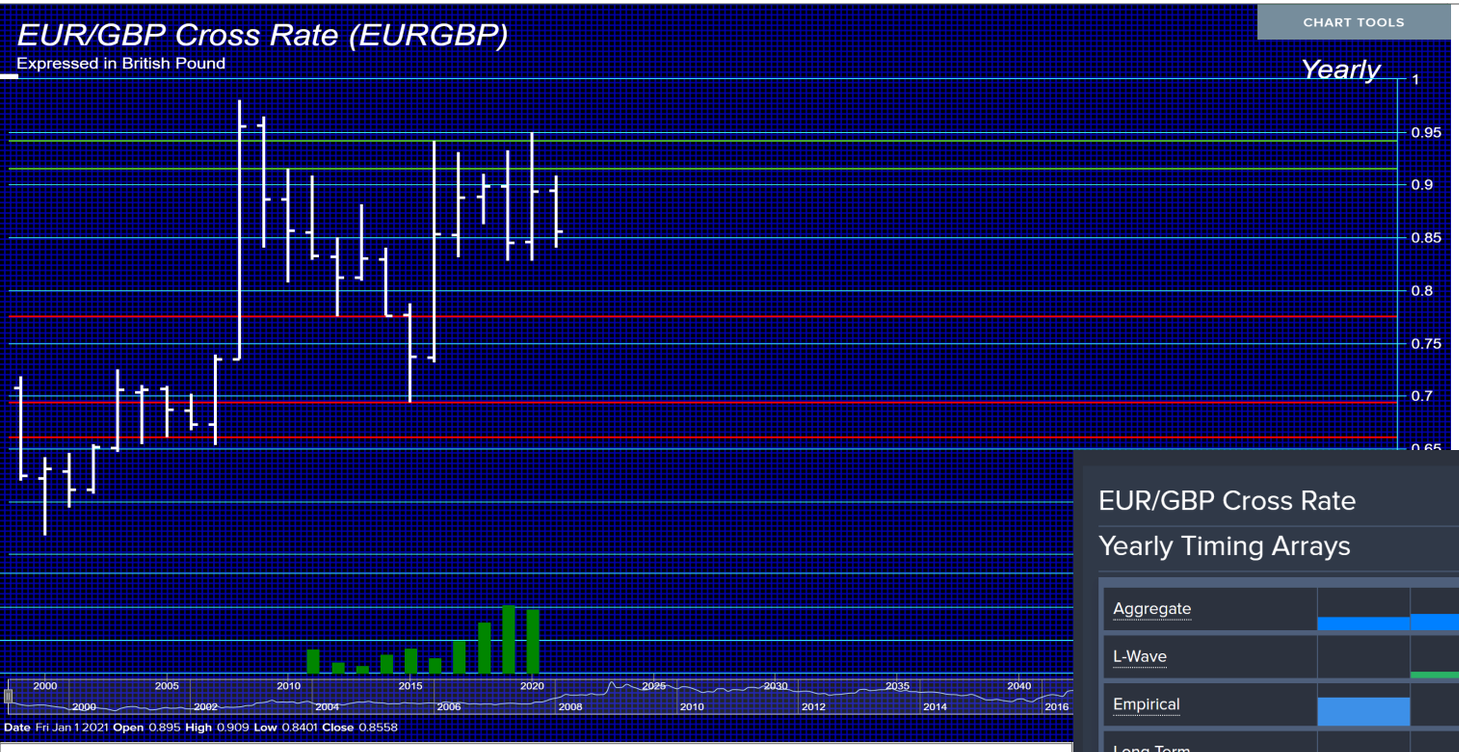
Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 1 Month

EUR/CHF Cross Rate

Monthly Timing Arrays

EUR/GBP (as of YEARLY close – 2020)



Yearly Reversals

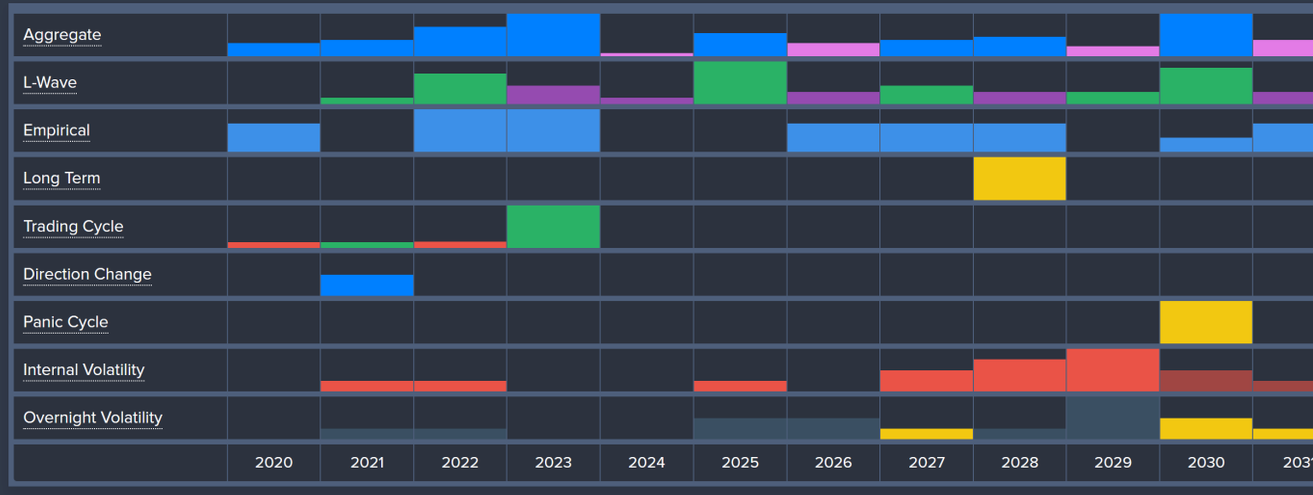
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.9149	0.9416	0.6936	0.7752
		0.6606	0.7750

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Bullish	Bullish	Neutral	Bullish	No Change

EUR/GBP Cross Rate

Yearly Timing Arrays



EUR/GBP (as of QUARTERLY close – Sept 2021)

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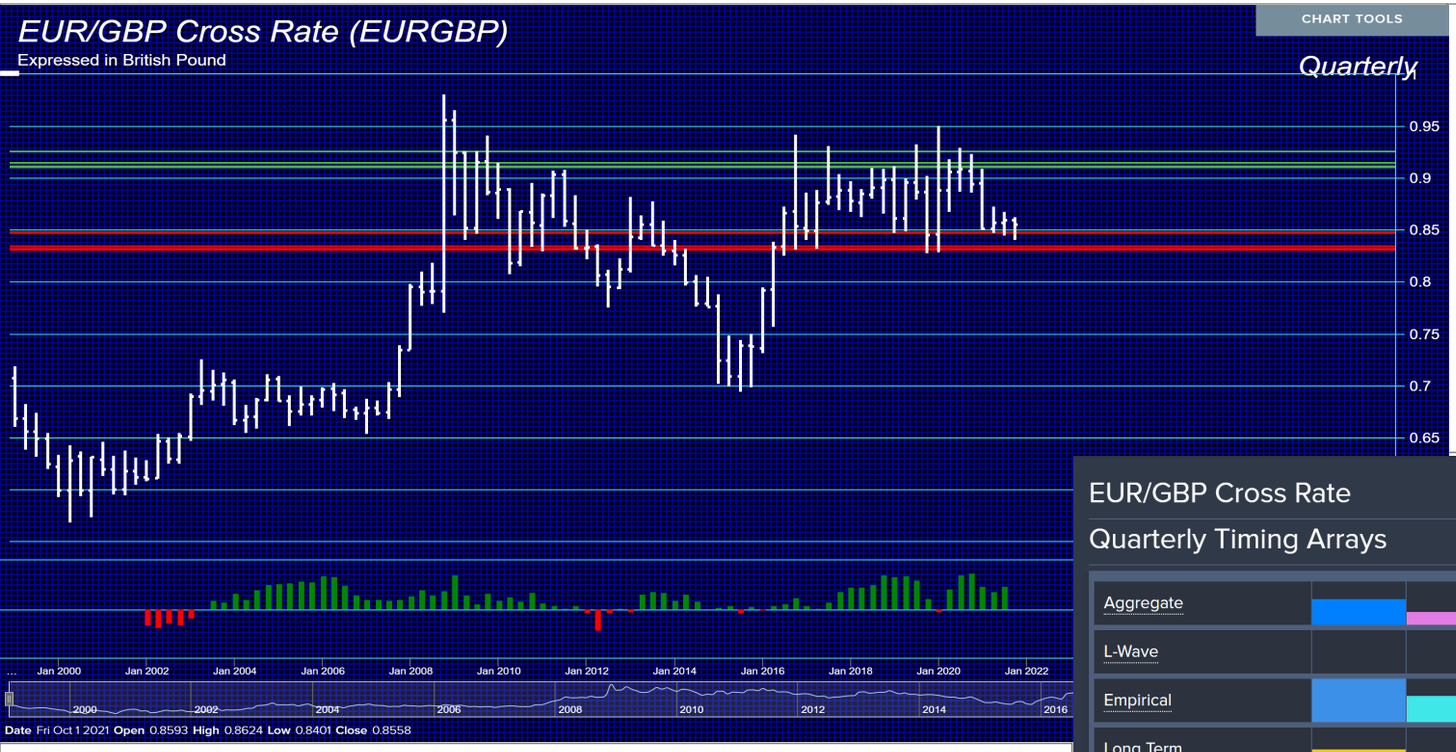


Quarterly Reversals

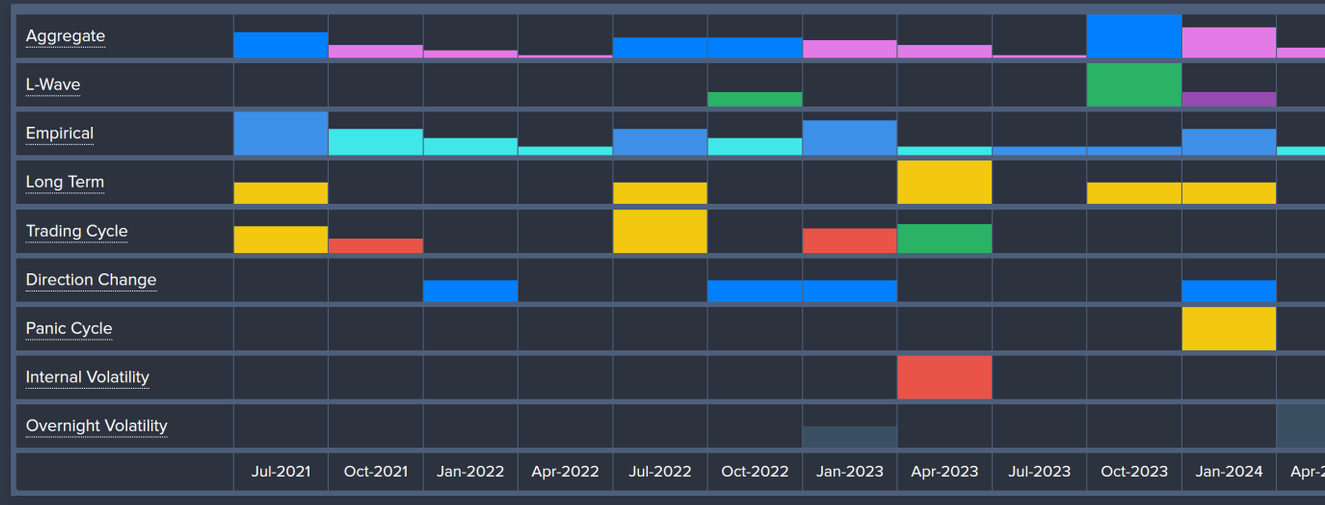
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.9257	0.9100	0.8480	0.8341
	0.9109	0.8472	0.8313
	0.9149	0.8305	
	0.9255		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bullish	Bearish	No Change

EUR/GBP Cross Rate

Quarterly Timing Arrays



EUR/GBP (as of MONTHLY close – Oct 2021)

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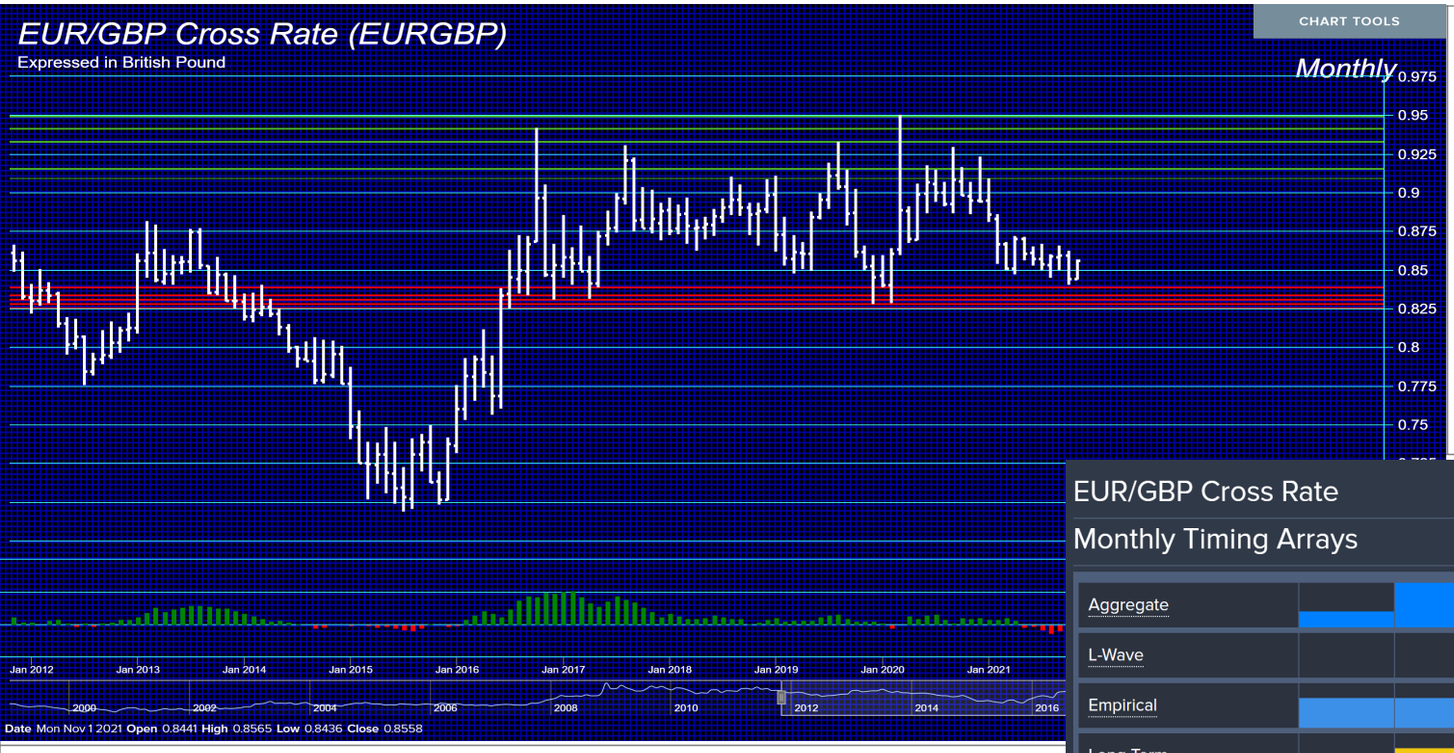

Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
0.9088	0.9410	0.8384	0.8334
0.9150	0.9488	0.8276	0.8305
0.9326		0.8251	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 1 Month

EUR/GBP Cross Rate

Monthly Timing Arrays

JPY/EUR (as of YEARLY close – 2020)

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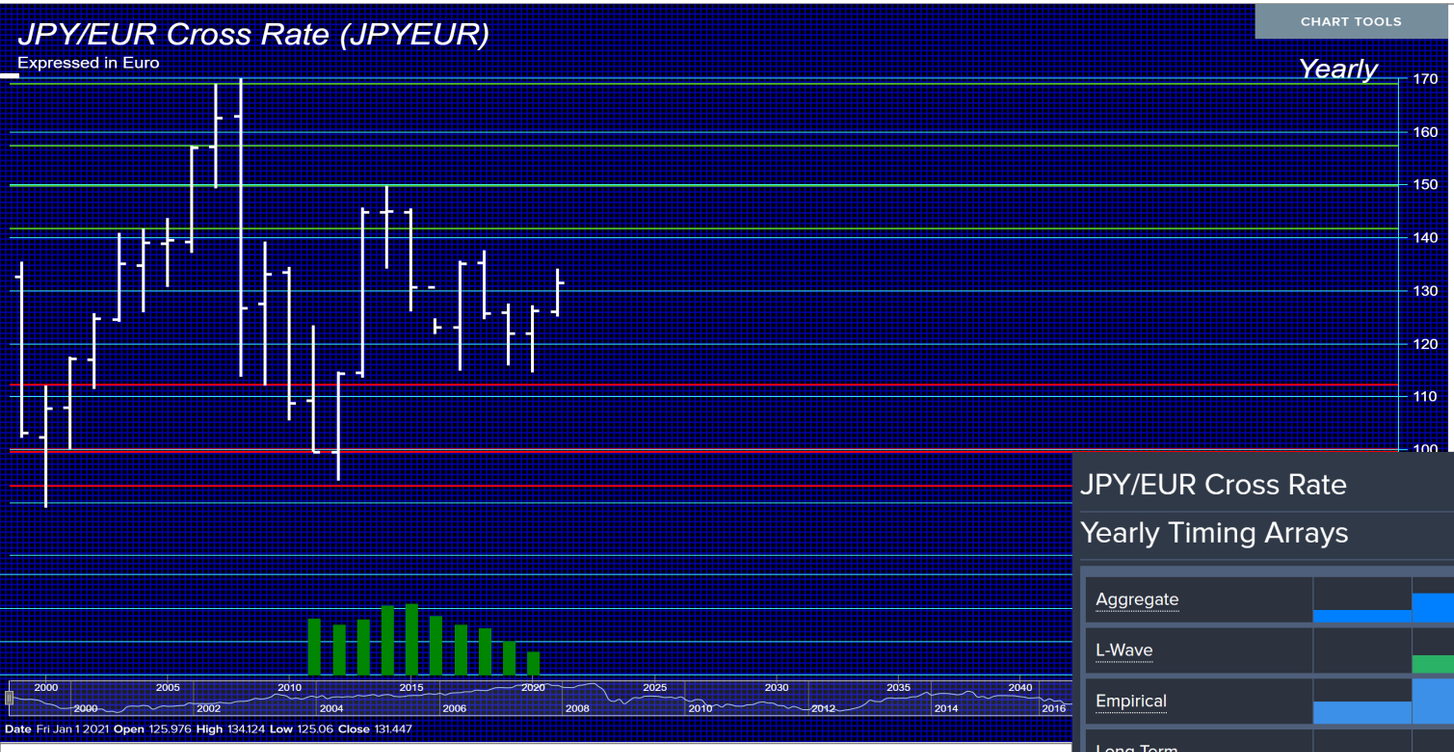


Yearly Reversals

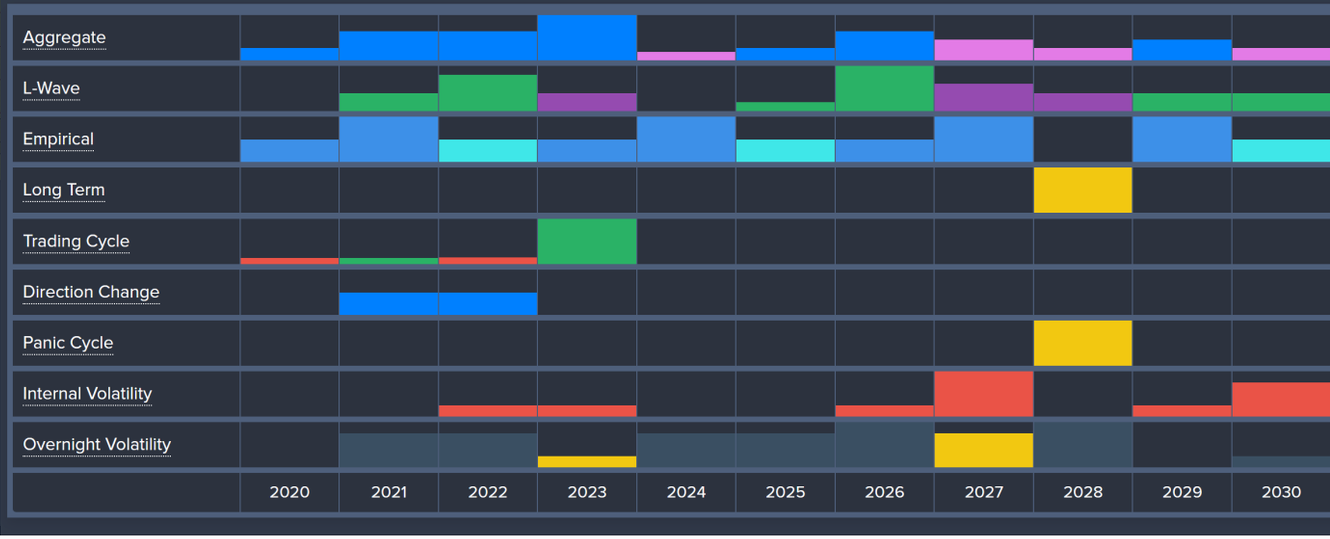
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
169.0410	141.6410		112.0990
	149.7210		99.9290
	157.2410		99.5290
			93.0010

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Bearish	Neutral	Bearish	No Change

JPY/EUR Cross Rate

Yearly Timing Arrays



JPY/EUR (as of QUARTERLY close – Sept 2021)

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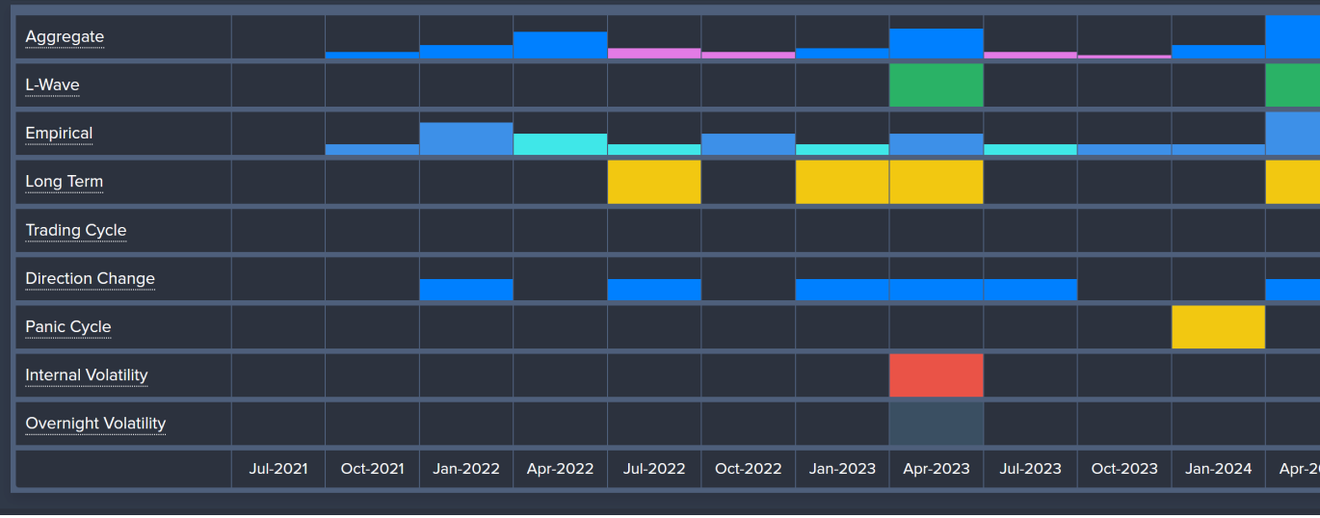
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
132.4610	145.0910	114.8490	120.2590
136.9610			118.7090
141.0310			115.8690
			115.0010

JPY/EUR Cross Rate

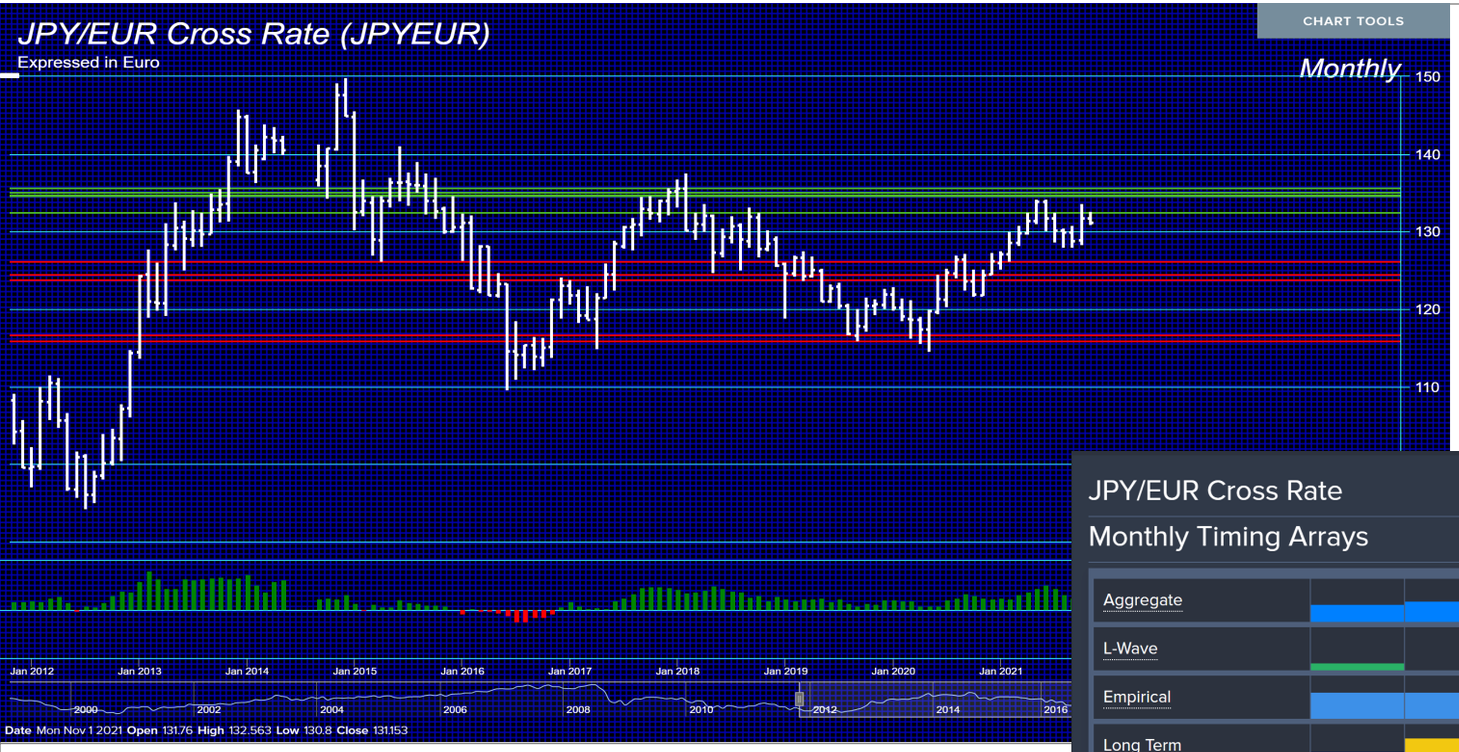
Quarterly Timing Arrays



Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Neutral	Neutral	Bearish	Down 1 Quarter

JPY/EUR (as of MONTHLY close – Oct 2021)



Monthly Reversals

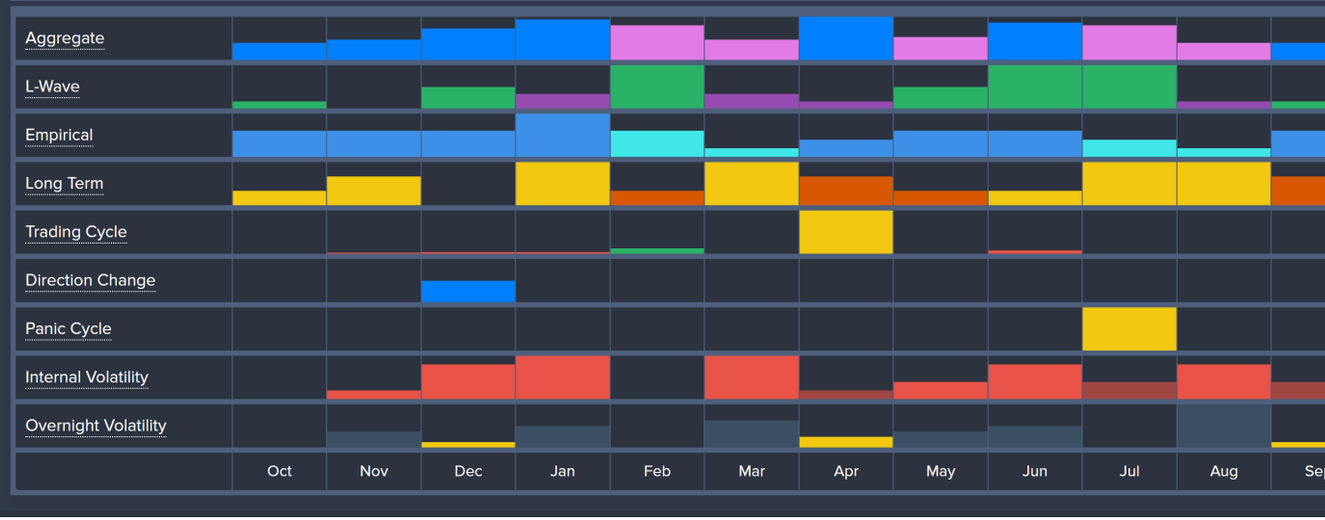
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	132.3670	126.0690	116.5690
	134.5010	124.4190	115.8690
	134.6010	123.6590	
	135.0010		
	135.5210		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Bullish	Bullish	Bullish	No Change

JPY/EUR Cross Rate

Monthly Timing Arrays



BITCOIN (as of YEARLY close – 2020)

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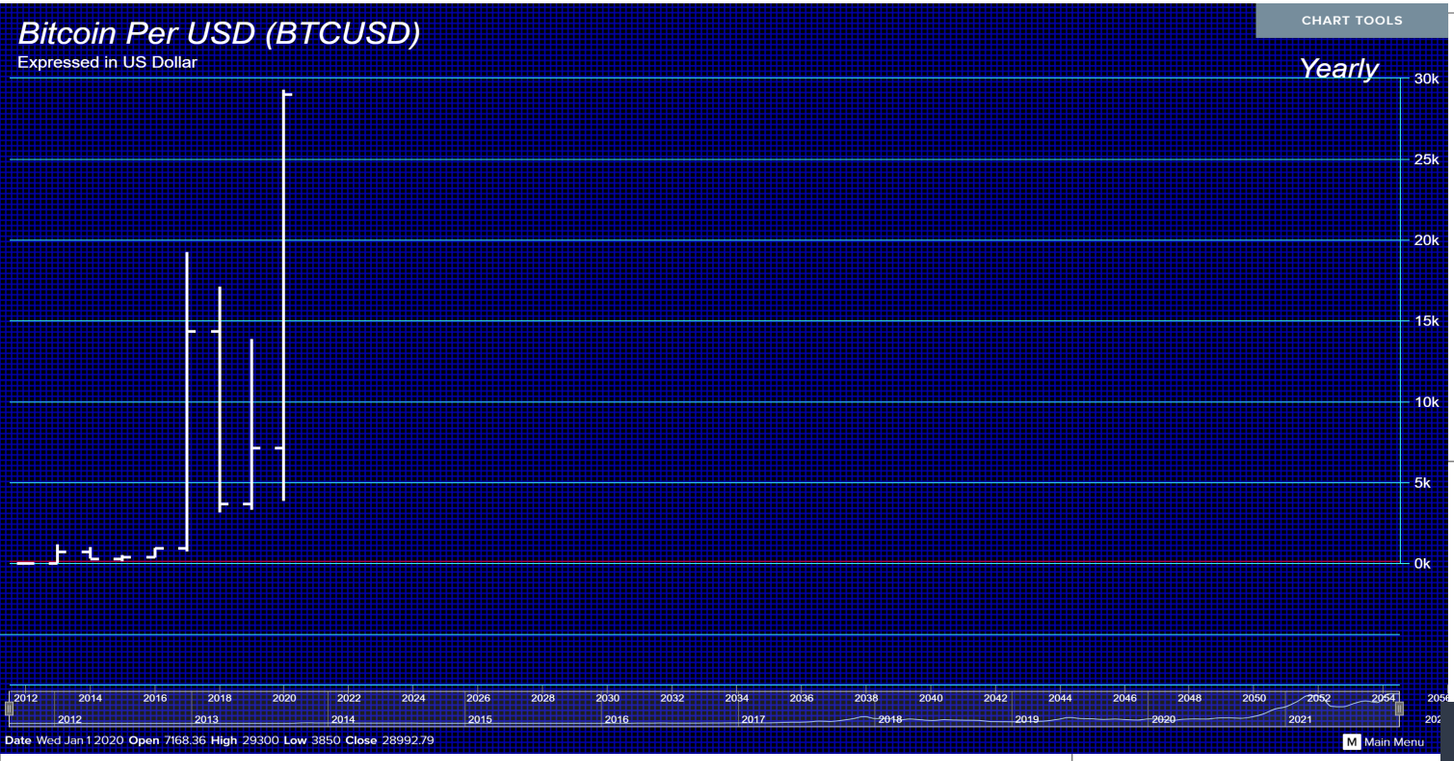


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		152.30	

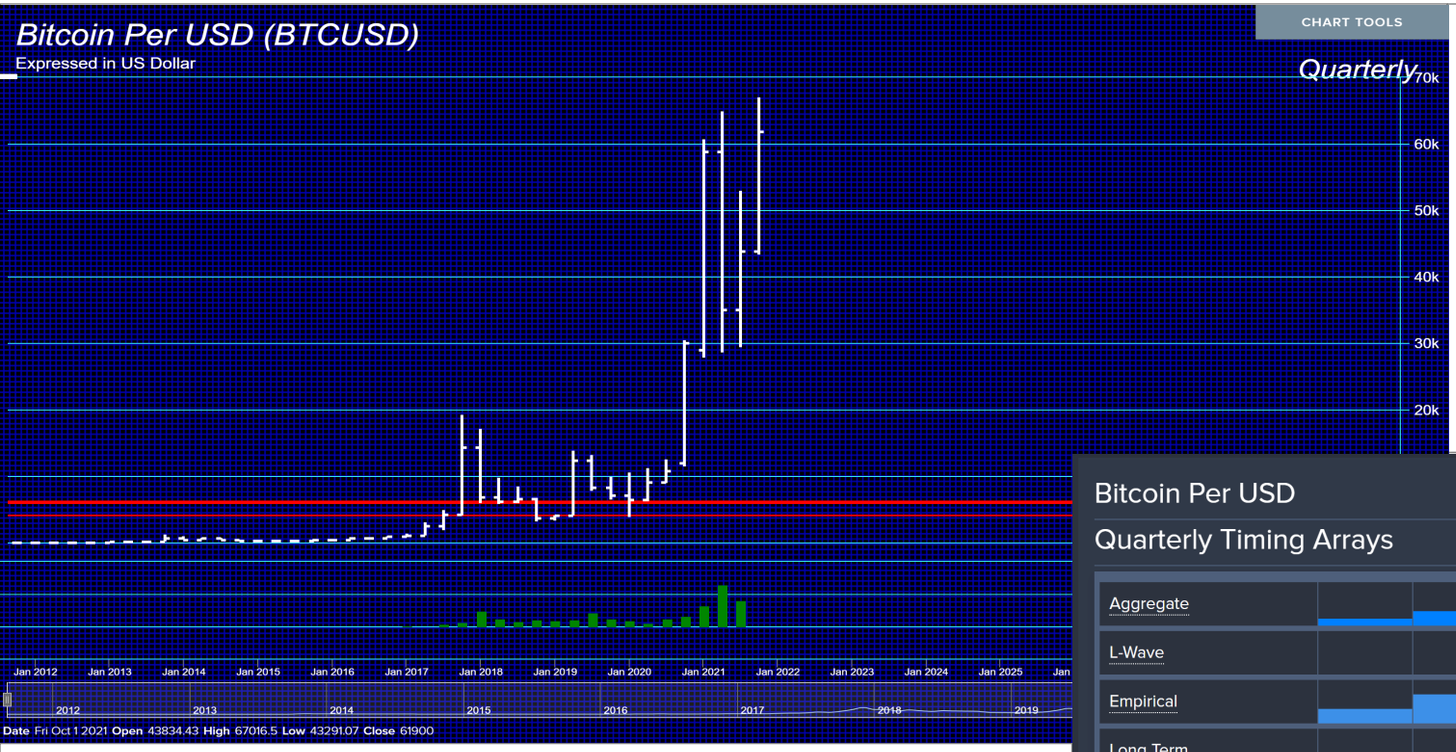
Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Neutral	Bullish	Bullish	Neutral	Neutral	Bullish	No Change

Yearly Timing Array

Not Enough History

BITCOIN (as of QUARTERLY close – Sept 2021)

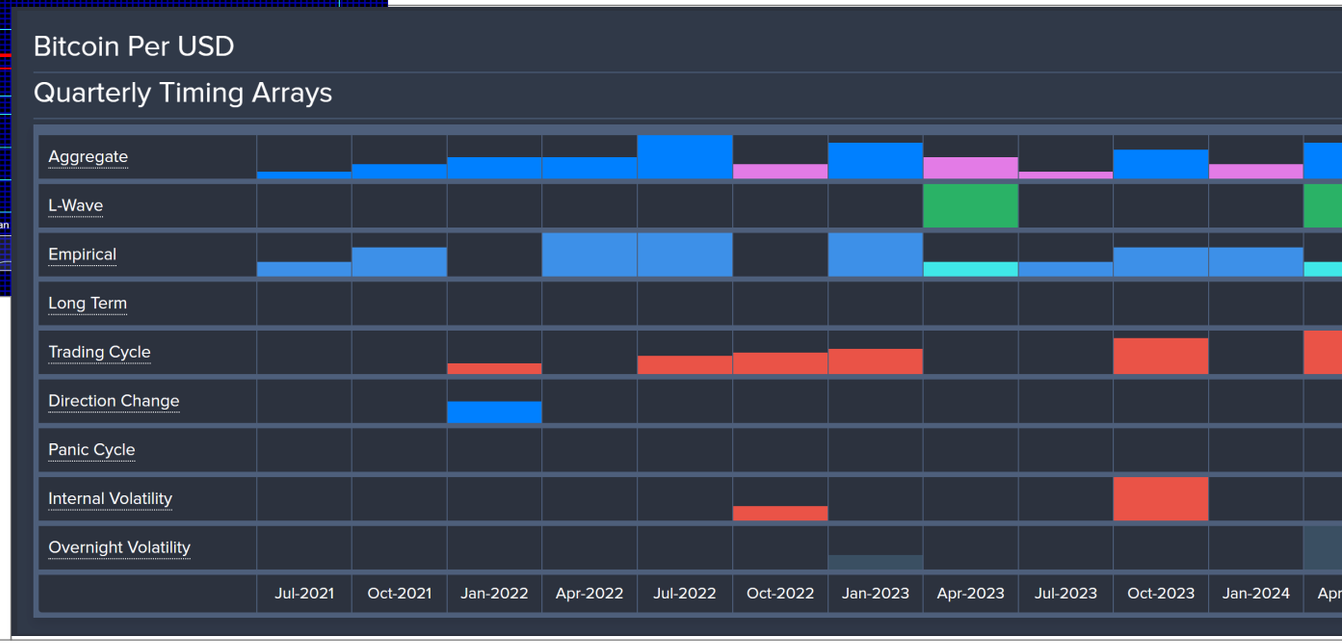


Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		6,137.60	5,920.60
		4,137.80	5,879.00
			4,052.40

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change



BITCOIN (as of MONTHLY close – Oct 2021)

Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		30,065.00	17,569.40
		9,825.06	10,379.00

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

Bitcoin Per USD

Monthly Timing Arrays

GLOBAL BONDS

2021 WEC Global Markets Overview

US 10-YR (as of YEARLY close – 2020)

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Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
2.50	4.00		
3.02	Dbl 4.70		

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Years

US 10-YR (as of QUARTERLY close – Sept 2021)

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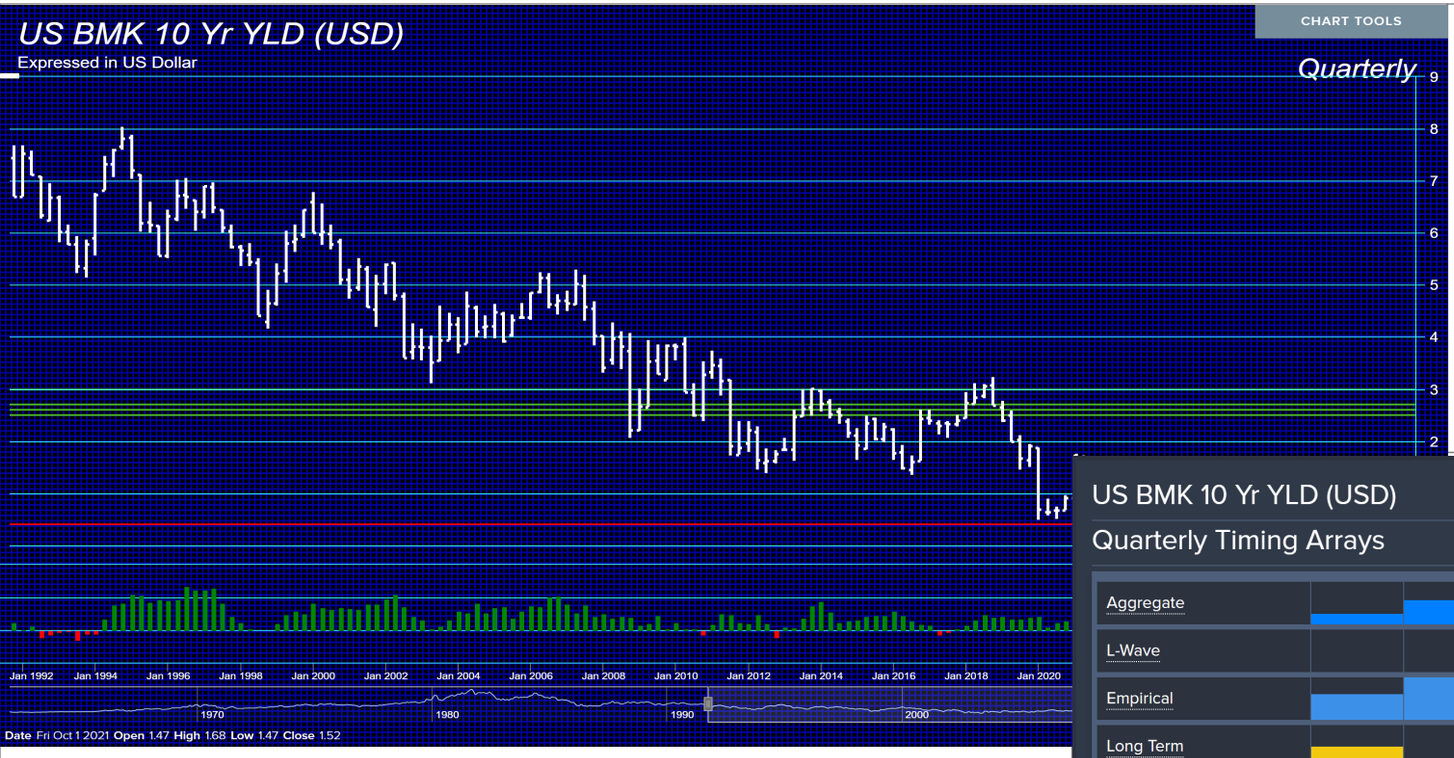
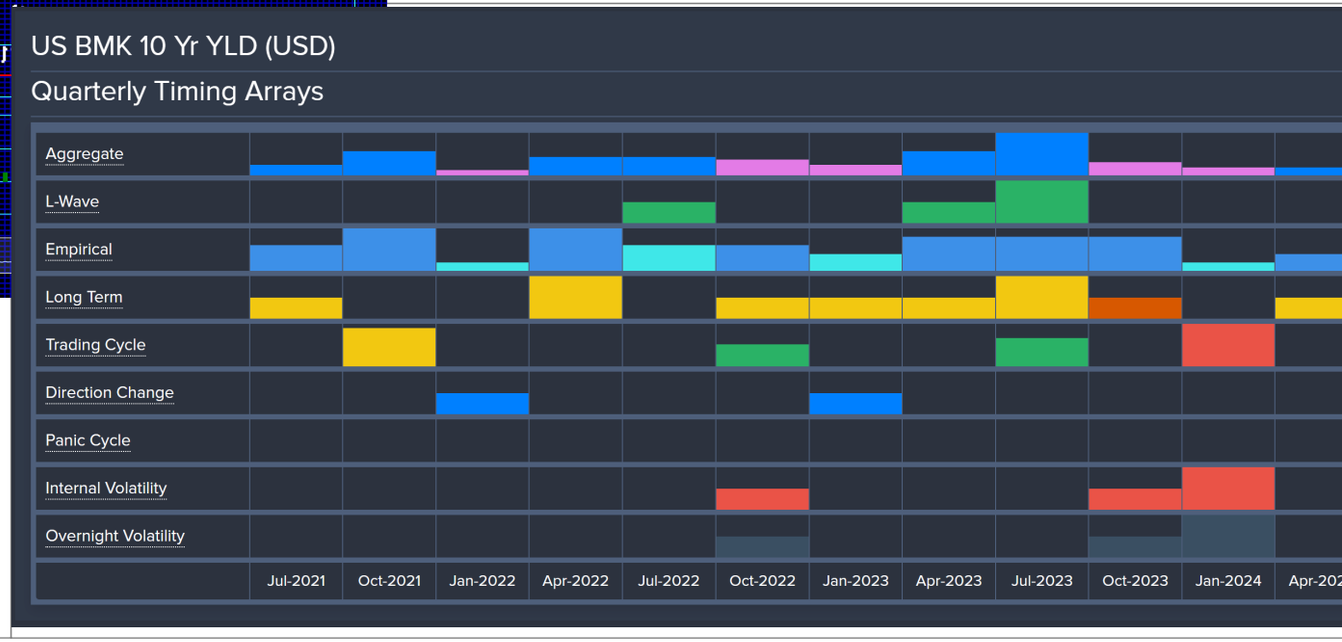


Quarterly Reversals

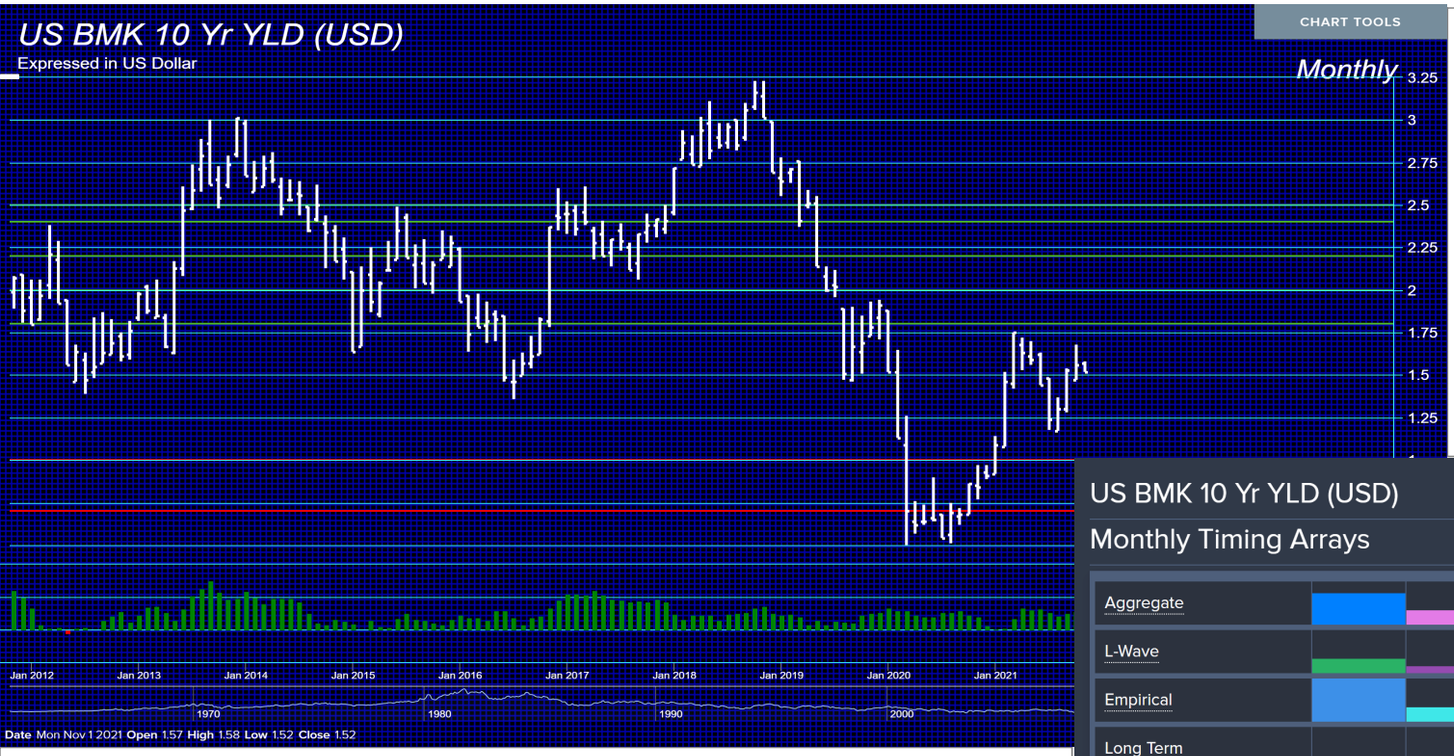
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
2.60	2.50		0.40
2.70	3.00		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bearish	Bearish	Bearish	No Change



US 10-YR (as of MONTHLY close – Oct 2021)

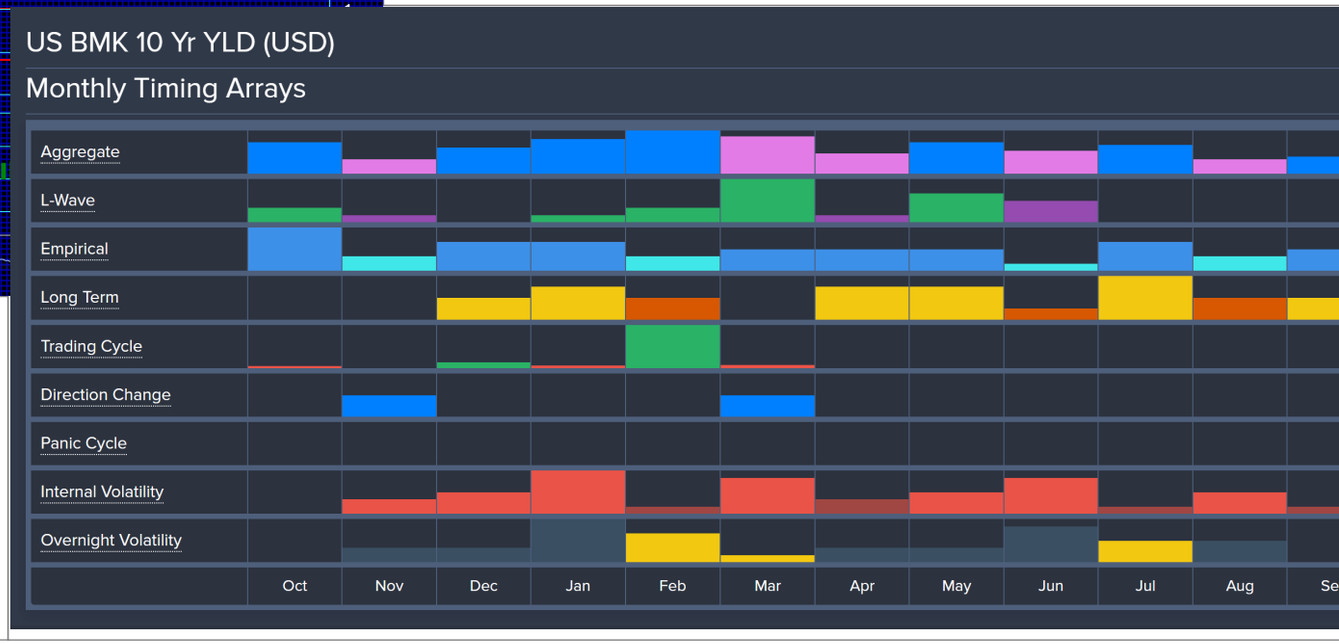


Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
2.00	Dbl 1.80	1.00	0.40
	2.20	0.70	
	2.40	0.50	
	2.50		

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Neutral	Bullish	Neutral	Bullish	No Change



CANADIAN 10-YR (as of YEARLY close – 2020)

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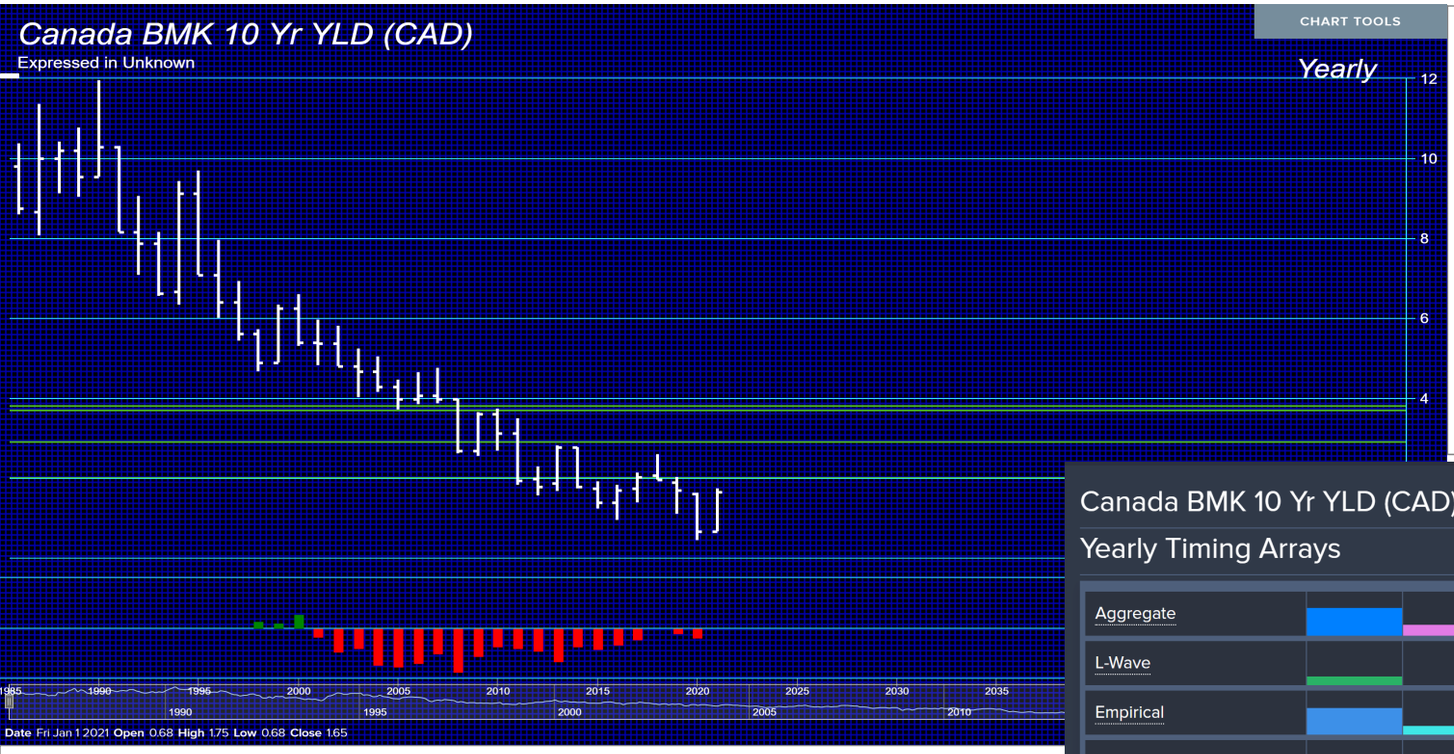


Yearly Reversals

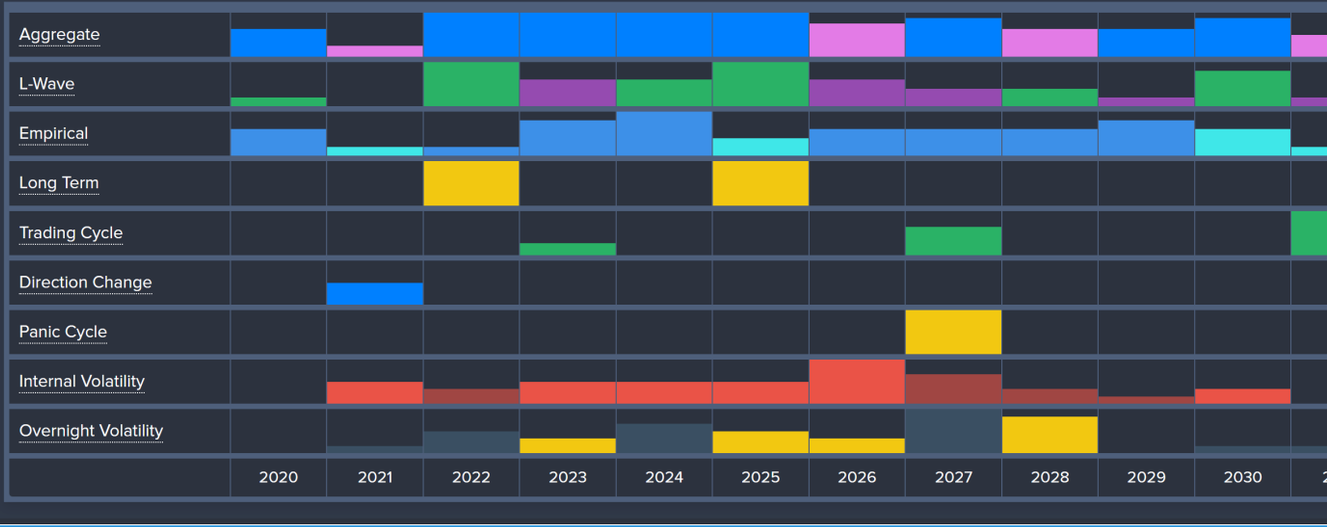
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
2.00	3.70		
2.90			
3.80			

Yearly Indicating Ranges

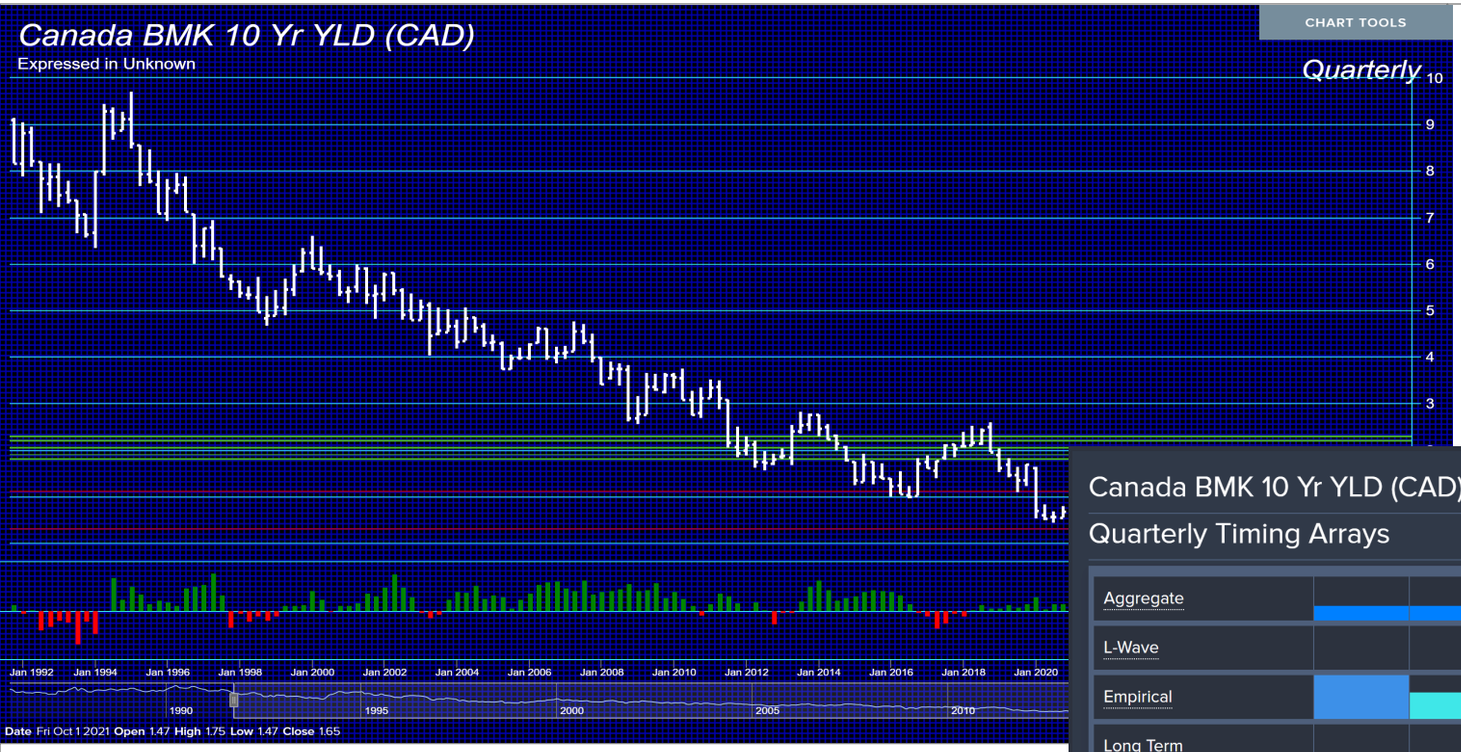
Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Years

Canada BMK 10 Yr YLD (CAD)

Yearly Timing Arrays



CANADIAN 10-YR (as of QUARTERLY close – Sept 2021)



Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.80	2.05		1.10
1.90	2.20		0.30
	2.30		

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bullish	Bullish	Bearish	Neutral	Bearish	No Change

Canada BMK 10 Yr YLD (CAD)

Quarterly Timing Arrays

CANADIAN 10-YR (as of MONTHLY close – Oct 2021)

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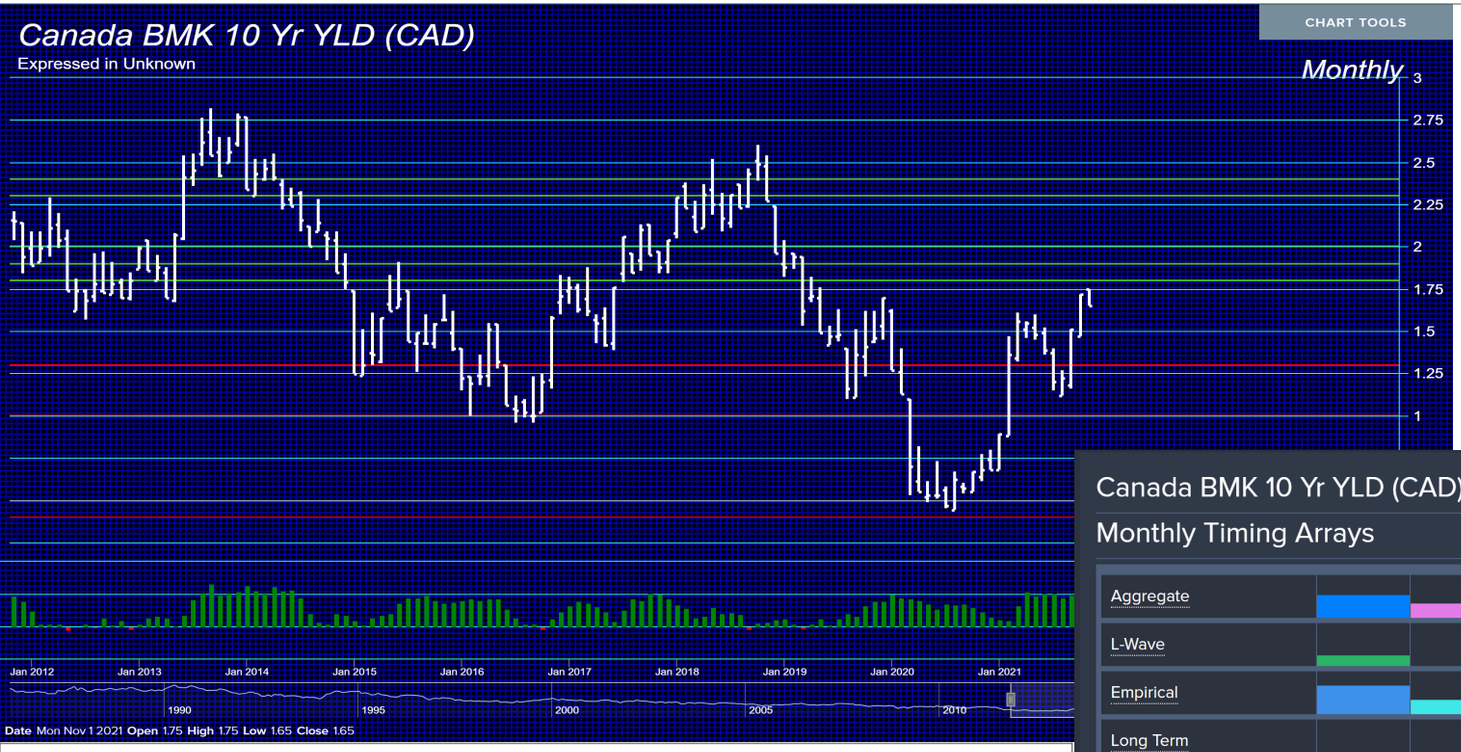
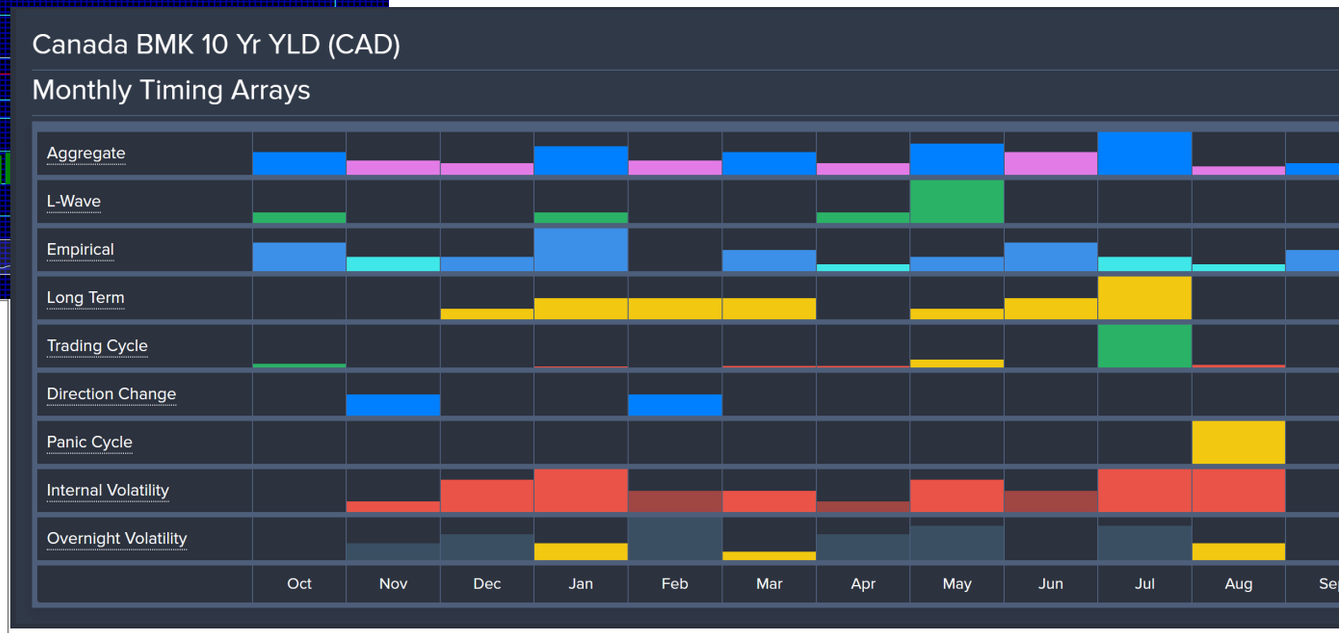


Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
1.80	1.90	1.30	1.00
2.00	2.30		0.50
2.40			0.40

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



GERMAN LONG BUND (as of YEARLY close – 2020)

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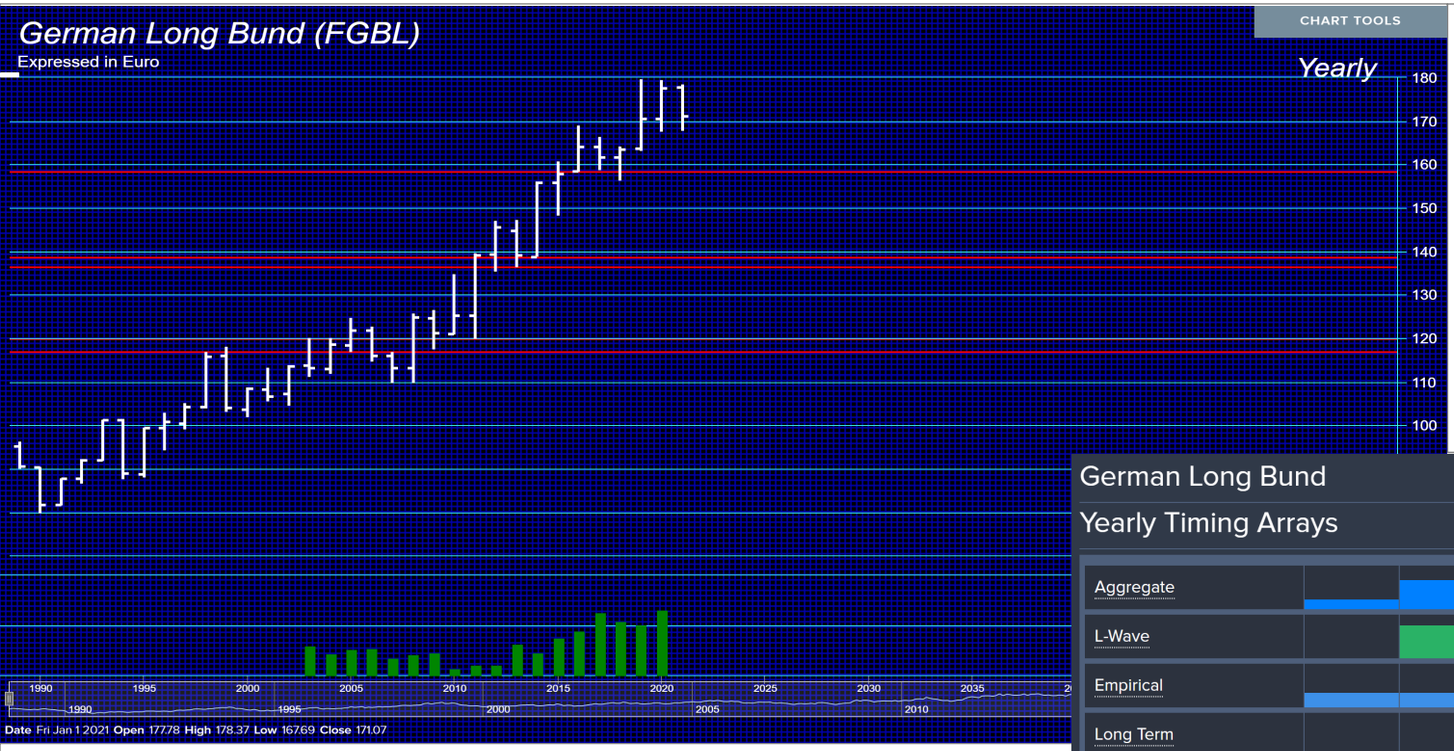
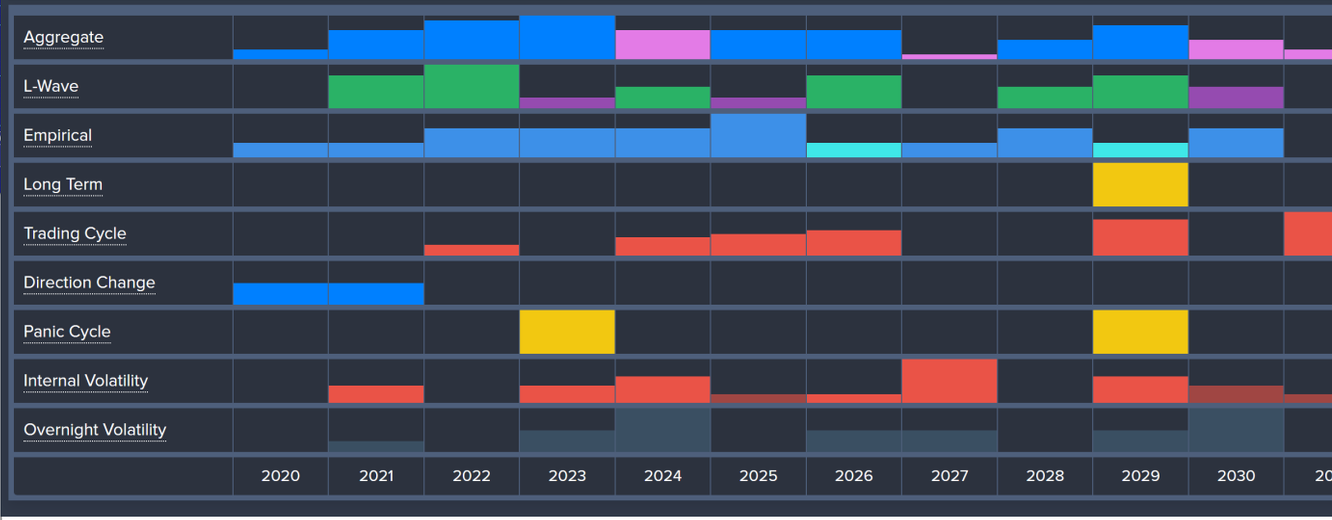


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		158.20	136.30
		138.50	119.70
			116.70

German Long Bund

Yearly Timing Arrays



Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change

GERMAN LONG BUND (as of QUARTERLY close – Sept 2021)

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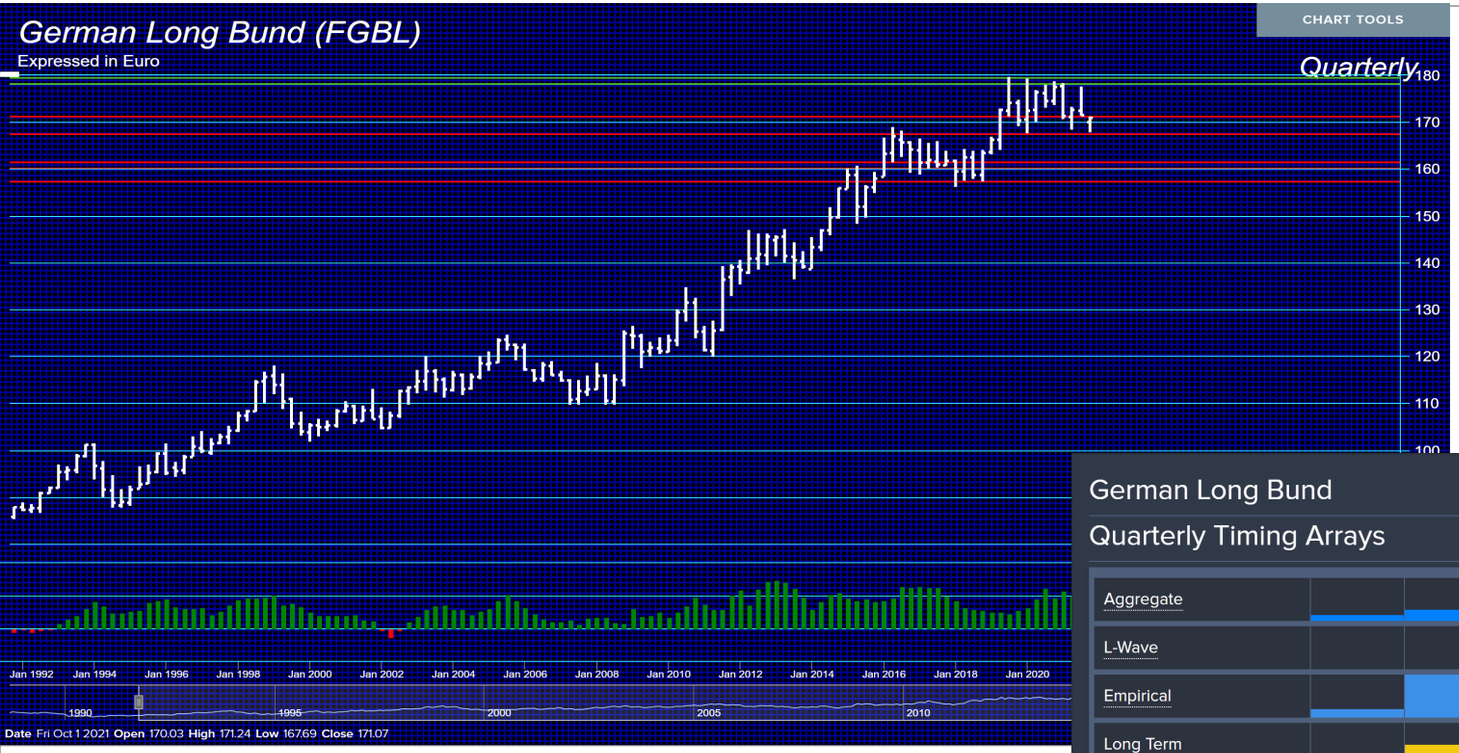


Quarterly Reversals

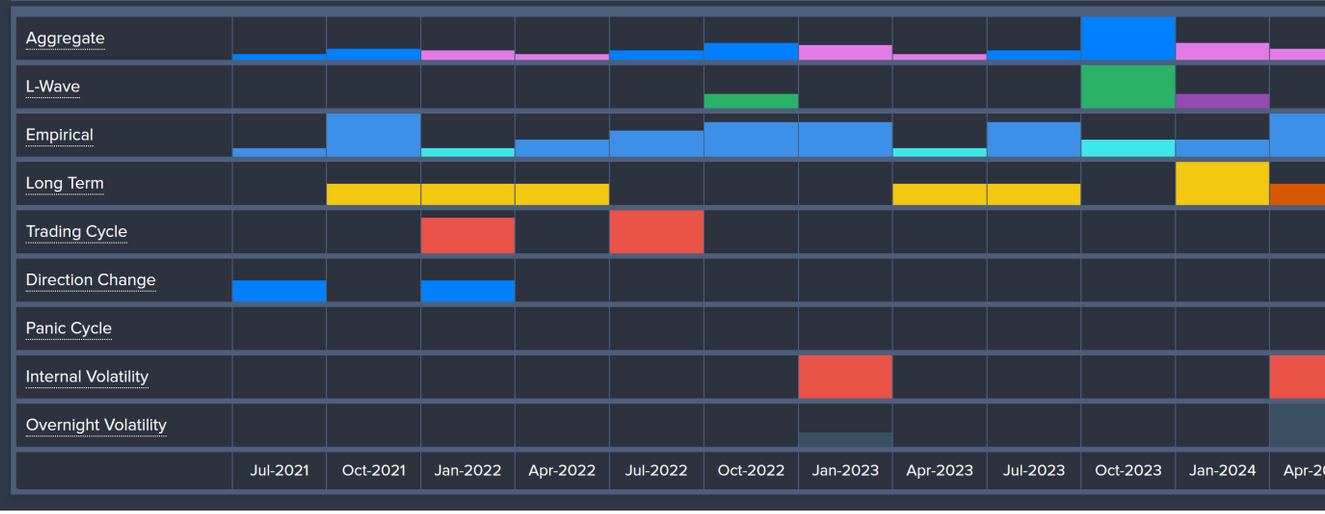
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	178.02	161.30	171.10
	179.40	157.30	167.40
			160.10

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Neutral	Bullish	Bullish	Bullish	No Change

German Long Bund

Quarterly Timing Arrays



GERMAN LONG BUND (as of MONTHLY close – Oct 2021)

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Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	177.50	164.70	163.30
	178.80	163.05	
		160.70	
		160.20	

German Long Bund

Monthly Timing Arrays

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Months

FRENCH 10-YR (as of YEARLY close – 2020)

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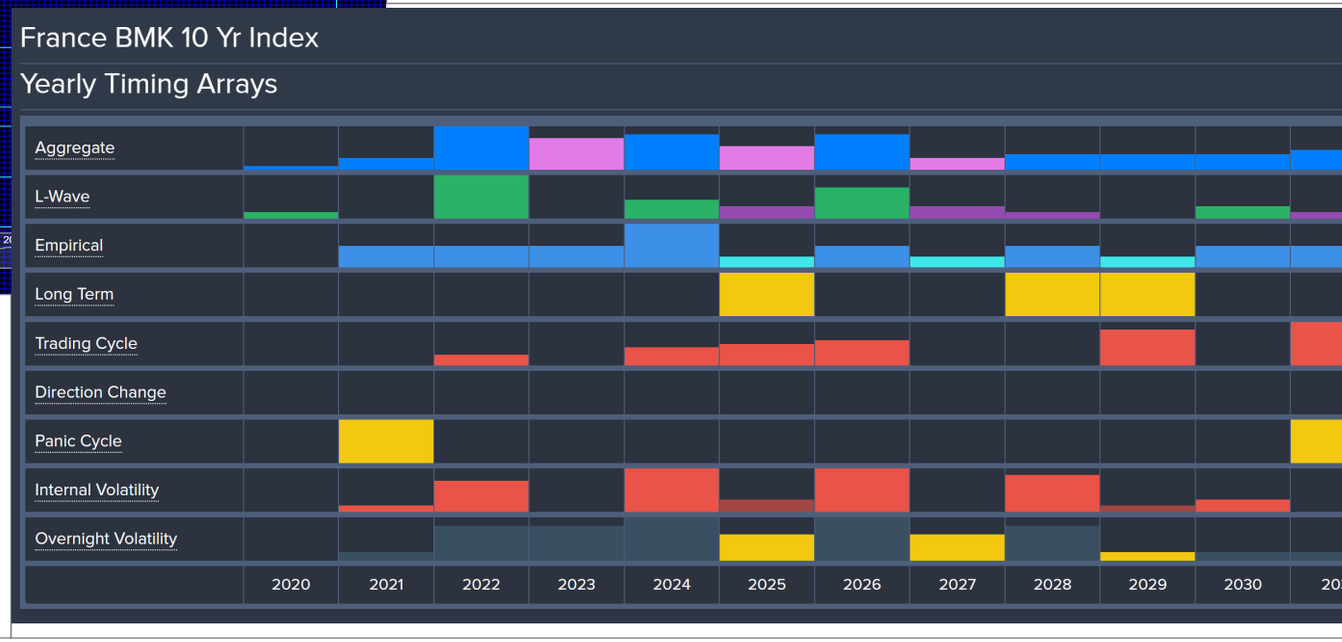
Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		197.70	165.00
		169.00	145.40
		131.20	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



FRENCH 10-YR (as of QUARTERLY close – Sept 2021)

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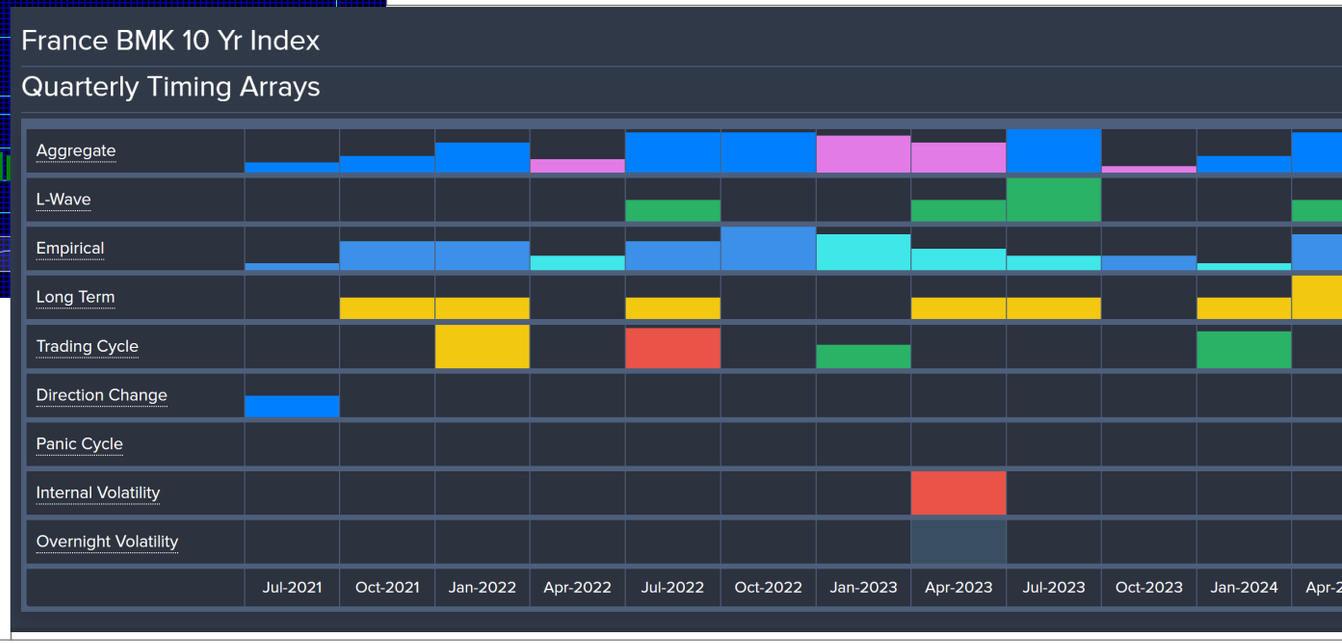
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
232.40		206.30	219.40
233.90		206.10	203.30
		205.60	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bearish	Bullish	Bullish	Bullish	No Change



FRENCH 10-YR (as of MONTHLY close – Oct 2021)

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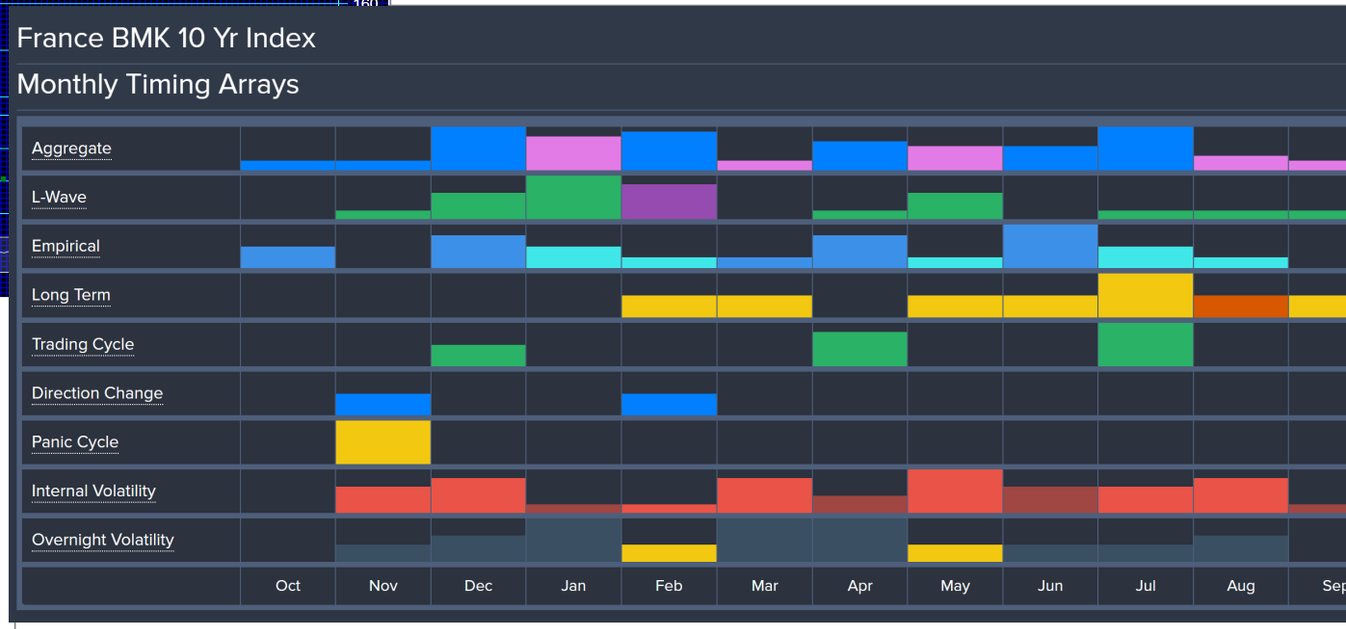
Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
227.90	232.00	212.40	209.50
229.30		209.20	207.20
232.09			206.10

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Months



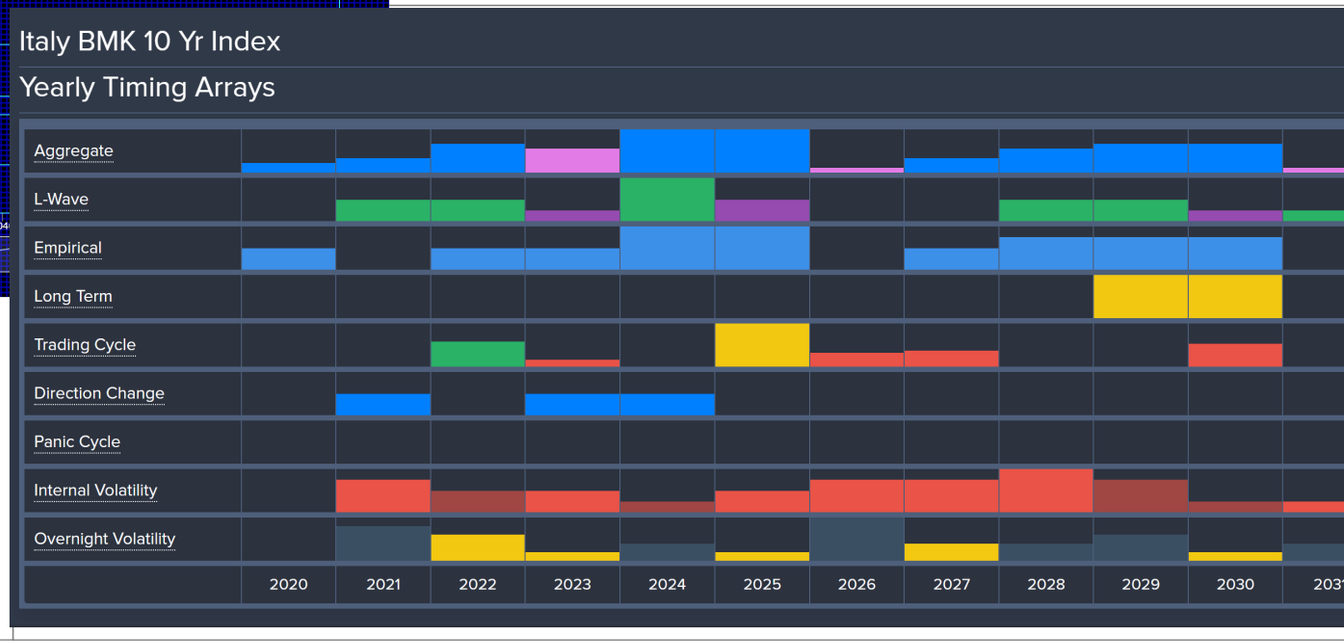
ITALIAN 10-YR YIELD (as of YEARLY close – 2020)

Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		224.40	153.40
		166.10	151.80

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



ITALIAN 10 YLD (as of QUARTERLY close – Sept 2021)

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Quarterly Reversals

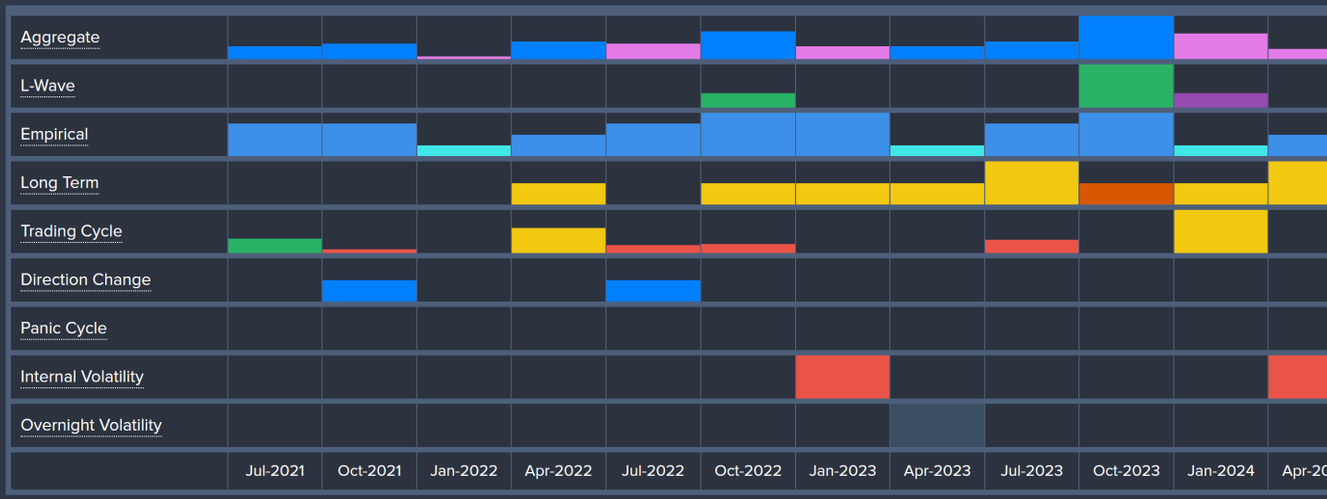
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	284.60	249.60	242.70
		237.80	219.10
		232.30	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Bearish	Bullish	Bullish	Bullish	Bullish	No Change

Italy BMK 10 Yr Index

Quarterly Timing Arrays



ITALIAN 10 YLD (as of MONTHLY close – Oct 2021)

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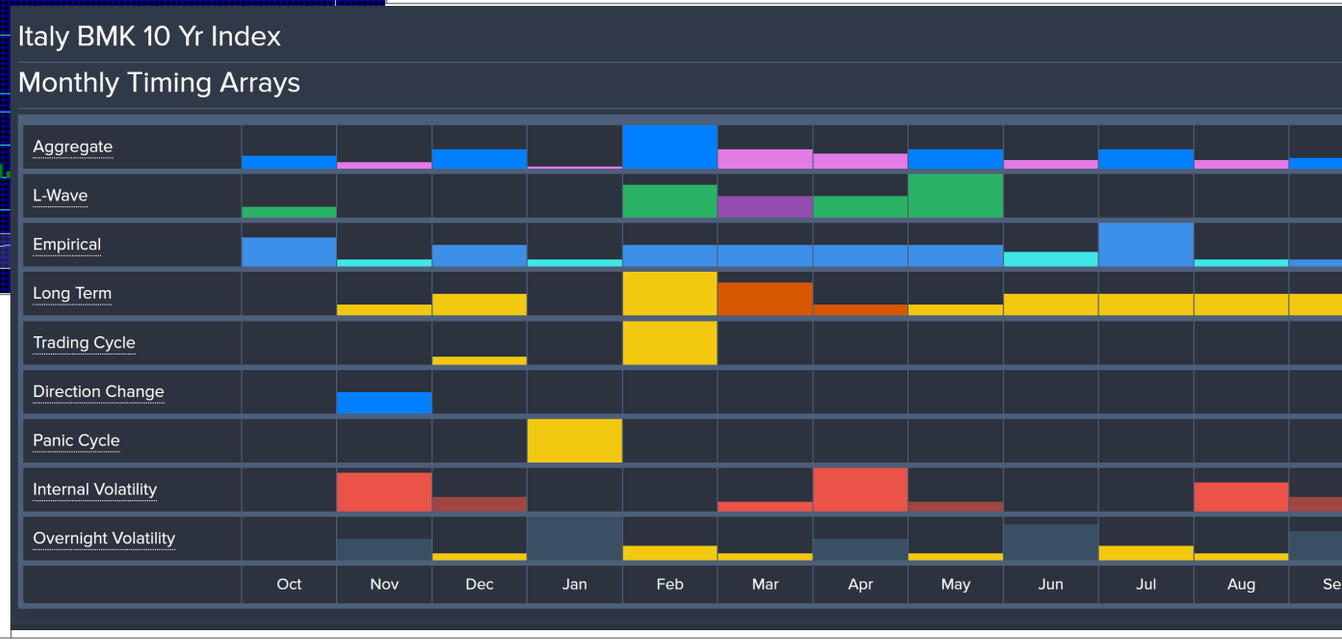
Monthly Reversals

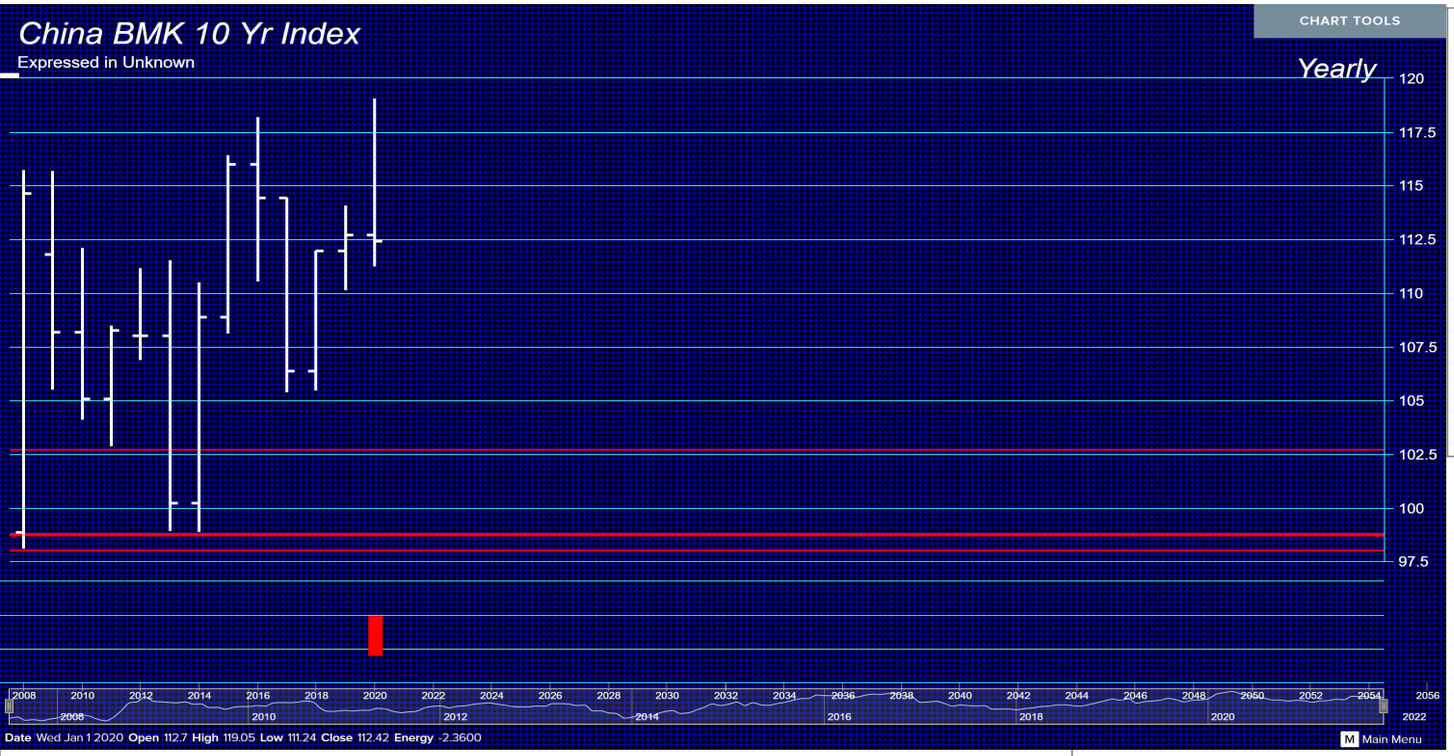
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	282.70	268.30	256.80
	284.60	261.03	239.80
	285.70	236.70	

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Neutral	Bearish	Down 2 Months



CHINESE 10-YR (as of QUARTERLY close – Sept 2021)



Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		98.70	102.70
		98.00	98.80

Yearly Timing Array

Not Enough History

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bearish	Neutral	Neutral	Neutral	Neutral	Bullish	No Change

CHINESE 10-YR (as of MONTHLY close – Oct 2021)

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Monthly Reversals

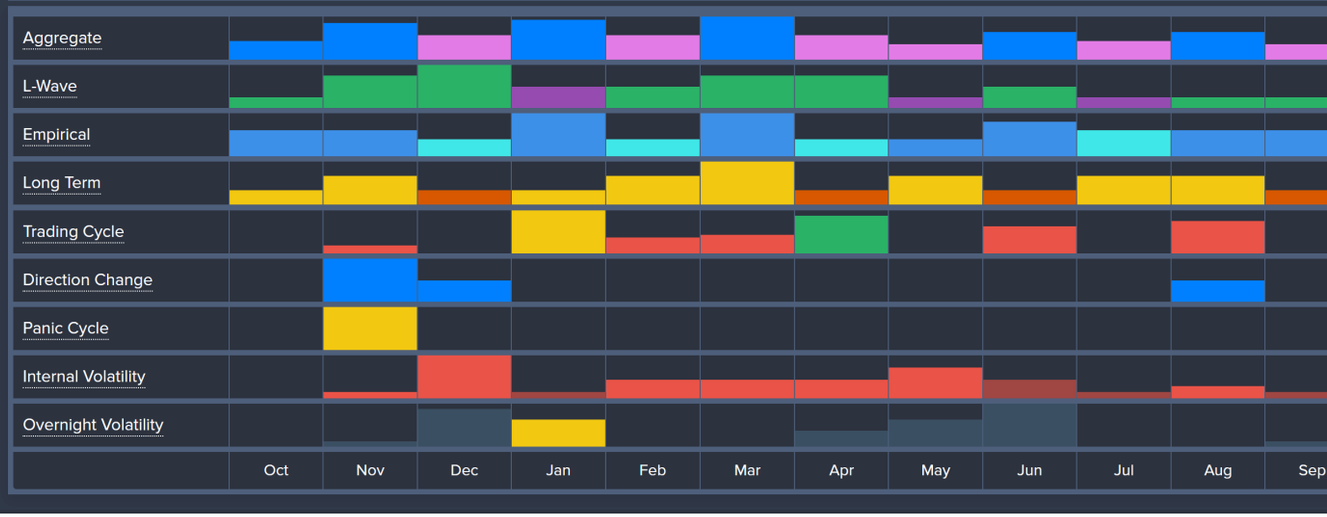
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	114.10	113.00	112.06
	116.70	111.60	111.30
	118.60		111.00

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Neutral	Bullish	Bullish	Neutral	Bearish	Down 1 Month

China BMK 10 Yr Index

Monthly Timing Arrays



SINGAPORE 10-YR (as of QUARTERLY close – Sept 2021)

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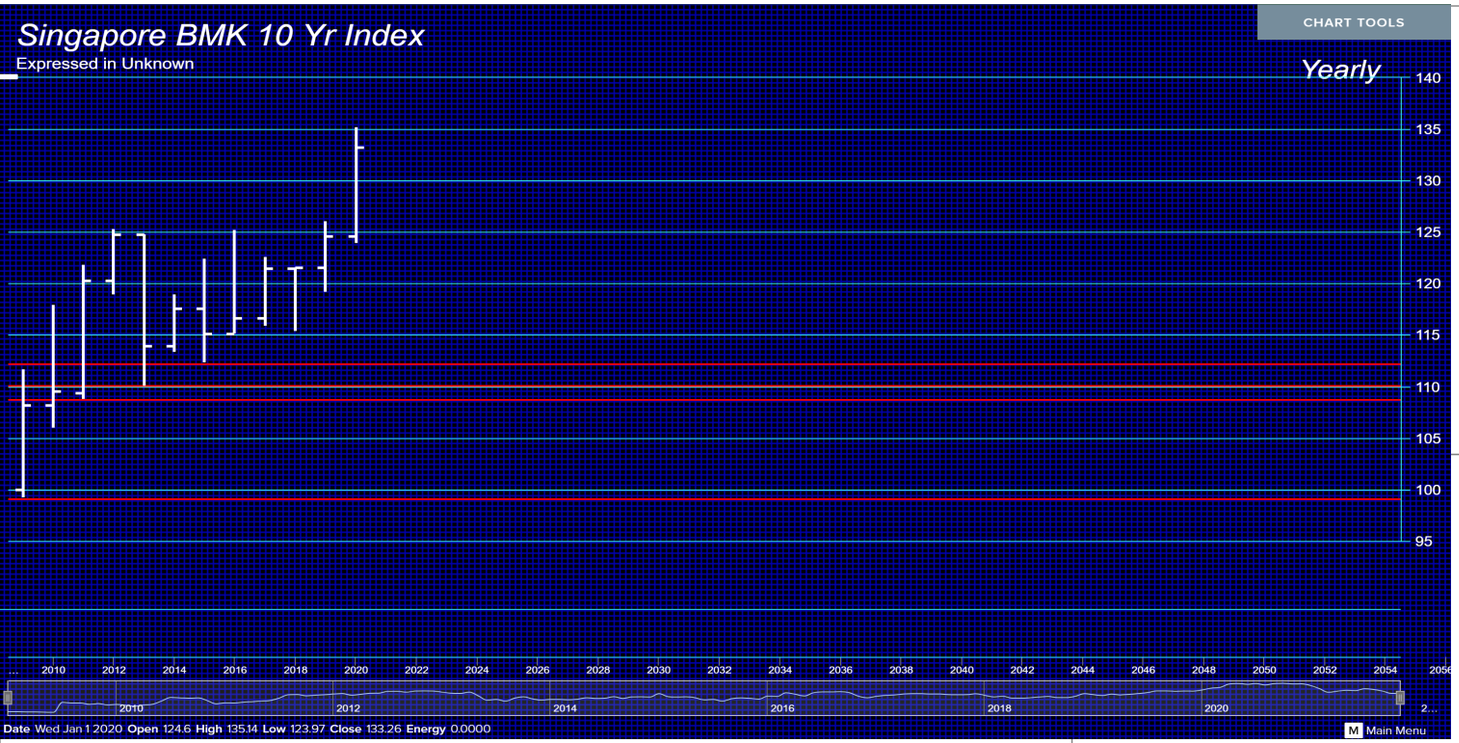

Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		112.20	110.08
		99.10	108.70

Yearly Timing Array

Not Enough History

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Neutral	Bullish	Bullish	Neutral	Neutral	Bullish	No Change

SINGAPORE 10-YR (as of MONTHLY close – Oct 2021)

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Monthly Reversals

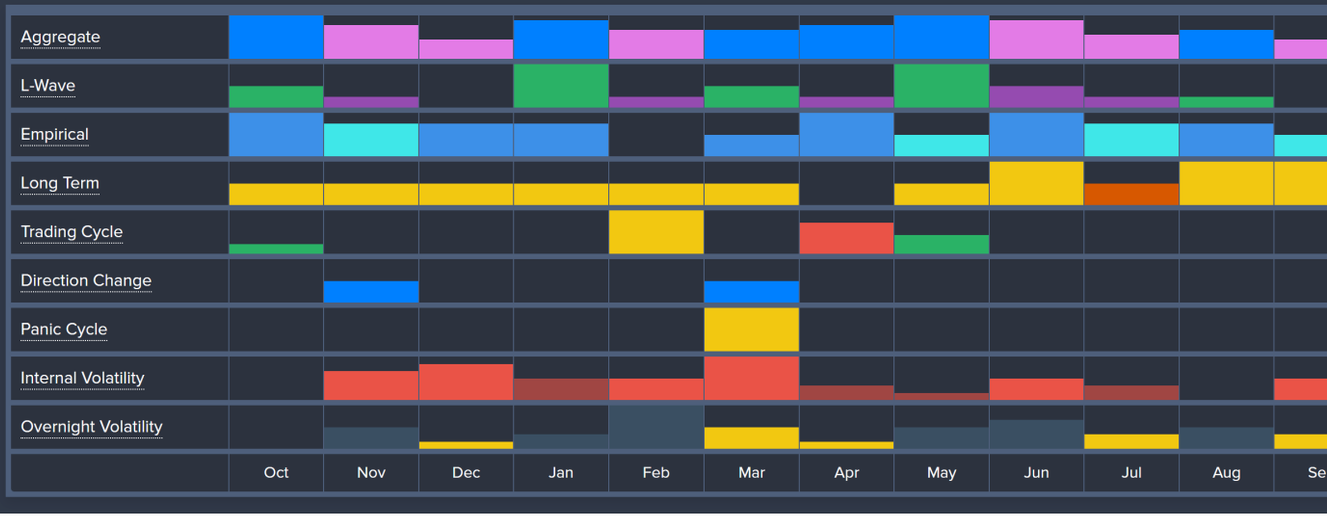
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
128.20	133.70	119.70	121.00
133.40	133.90		119.80
134.00			119.20
			116.80

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Months

Singapore BMK 10 Yr Index

Monthly Timing Arrays



JAPANESE 10-YR (as of YEARLY close – 2020)

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Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		166.30	120.30
		156.50	114.50
		130.08	

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bearish	No Change

Japan BMK 10 Yr Index

Yearly Timing Arrays

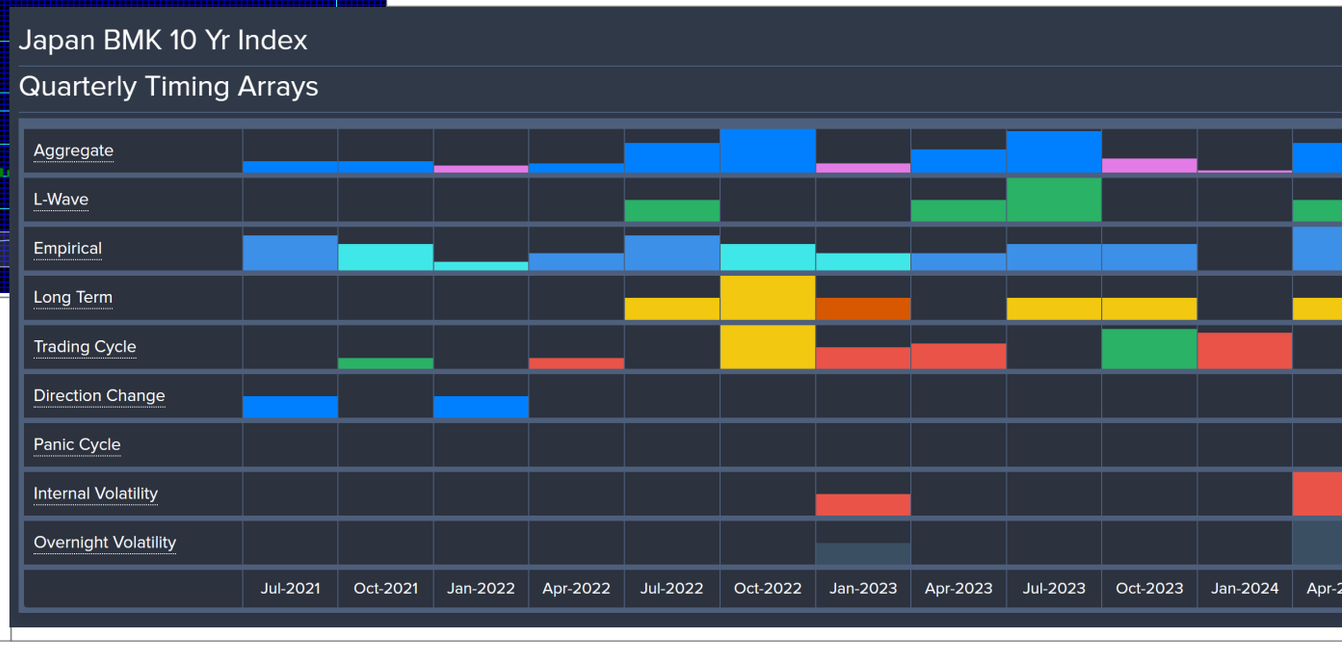
JAPANESE 10-YR (as of QUARTERLY close – Sept 2021)

Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
174.20	174.50	171.80	171.40
177.30	178.20	171.20	
		170.50	

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Neutral	Bullish	Bullish	Bullish	No Change



JAPANESE 10-YR (as of MONTHLY close – Oct 2021)

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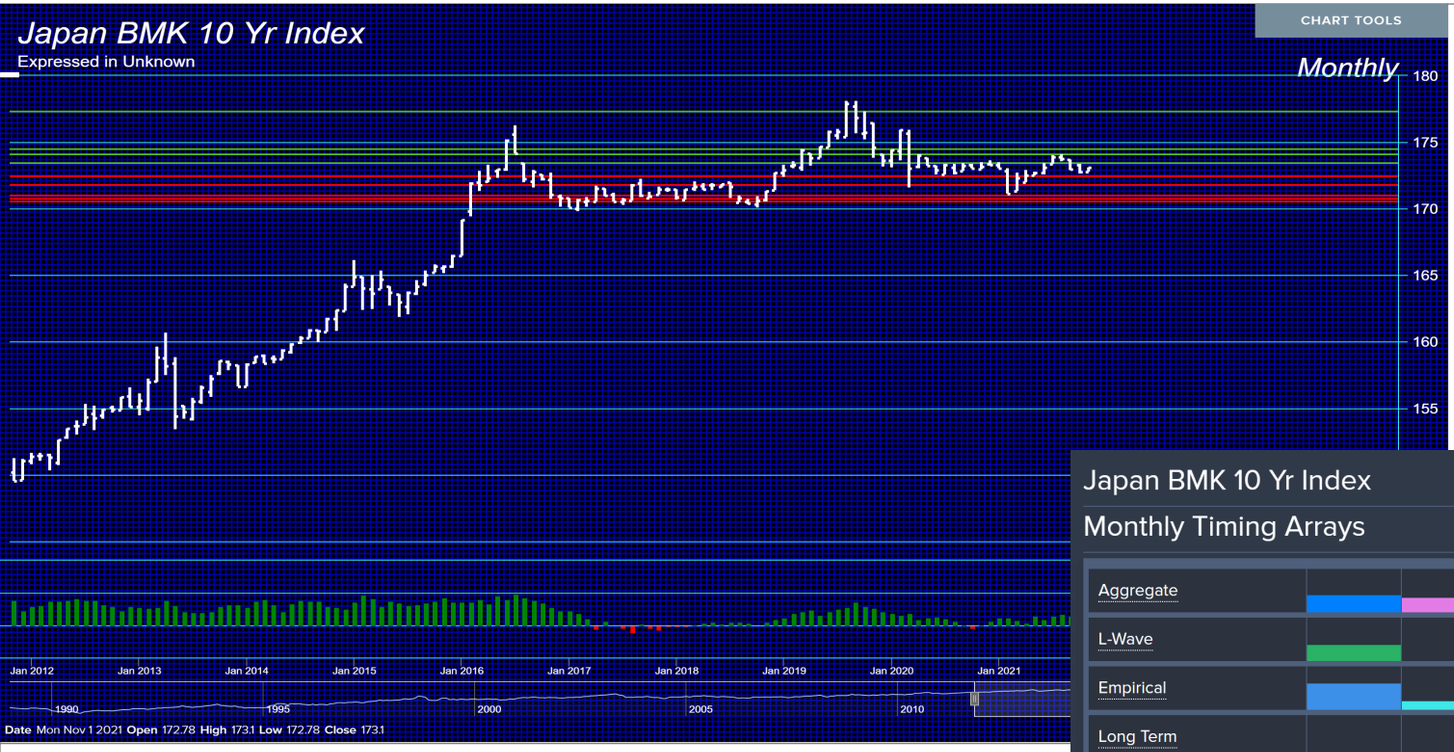

Monthly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
174.50	173.40	172.40	170.50
	174.08	171.80	
	177.30	171.00	
		170.70	

Japan BMK 10 Yr Index

Monthly Timing Arrays

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bullish	Bearish	Bearish	Bearish	Down 2 Months

AUSTRALIAN 10-YR (as of YEARLY close – 2020)

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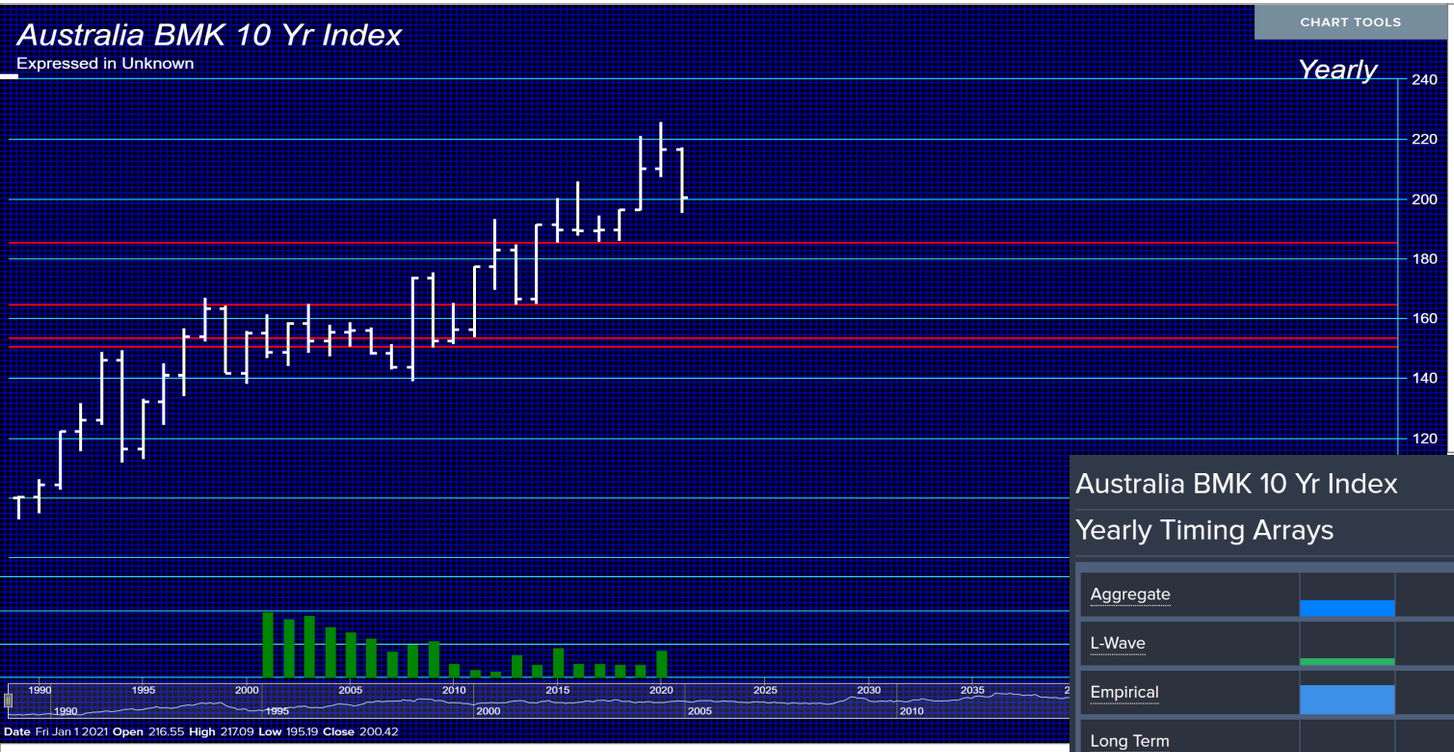
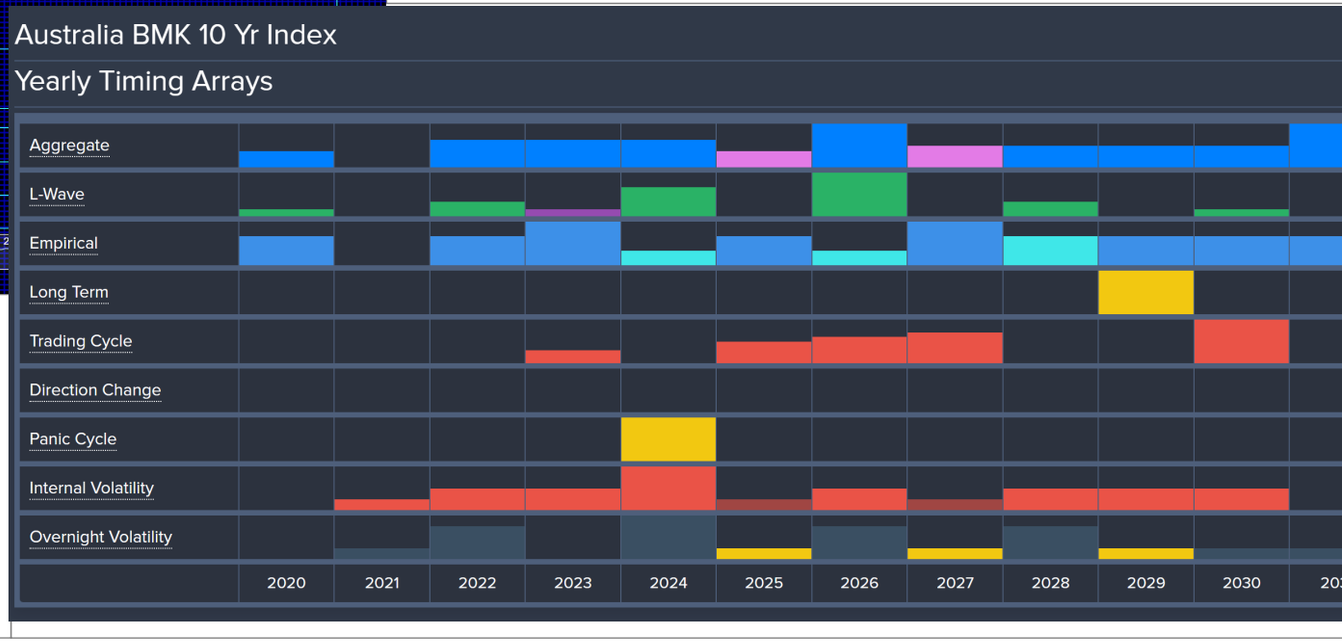


Yearly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
		177.50	124.60
		153.06	119.50
			110.80

Yearly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bullish	Bullish	Bullish	Bullish	Bullish	No Change



AUSTRALIAN 10-YR (as of QUARTERLY close – Sept 2021)

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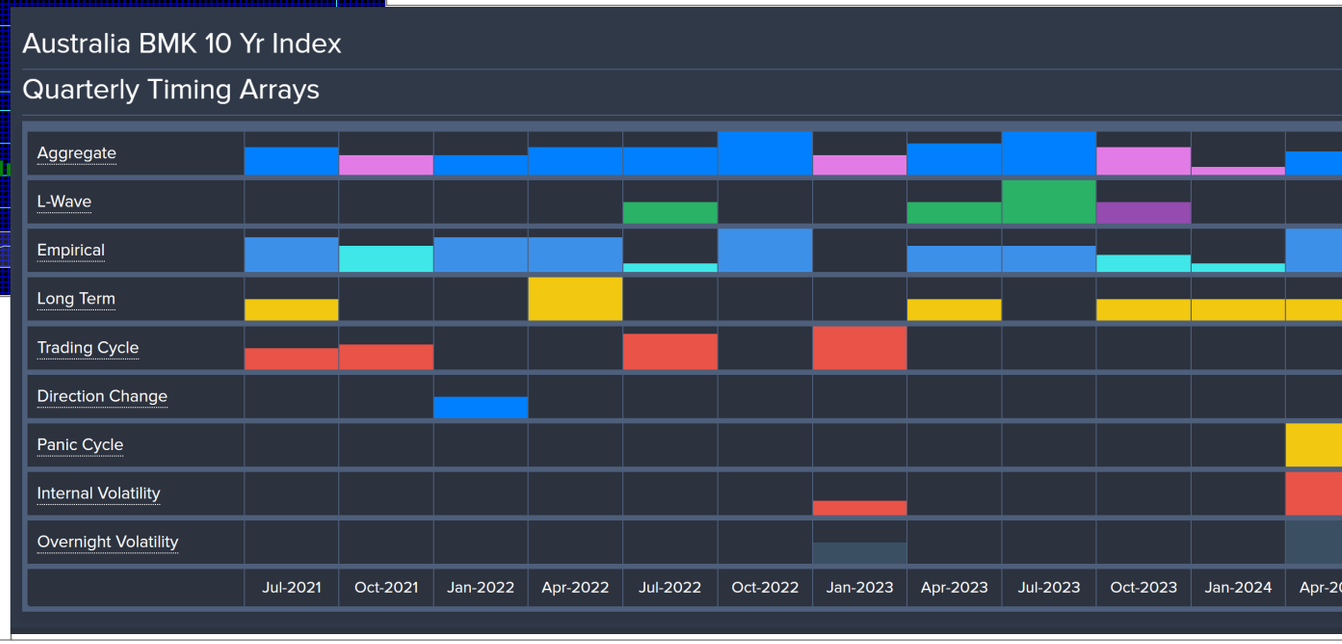
Quarterly Reversals

BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	220.80	188.60	
	223.30	187.40	
		185.20	
		167.00	
		166.30	

fro ols

Quarterly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bullish	Bullish	Bullish	No Change



AUSTRALIAN 10-YR (as of MONTHLY close – Oct 2021)

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Monthly Reversals

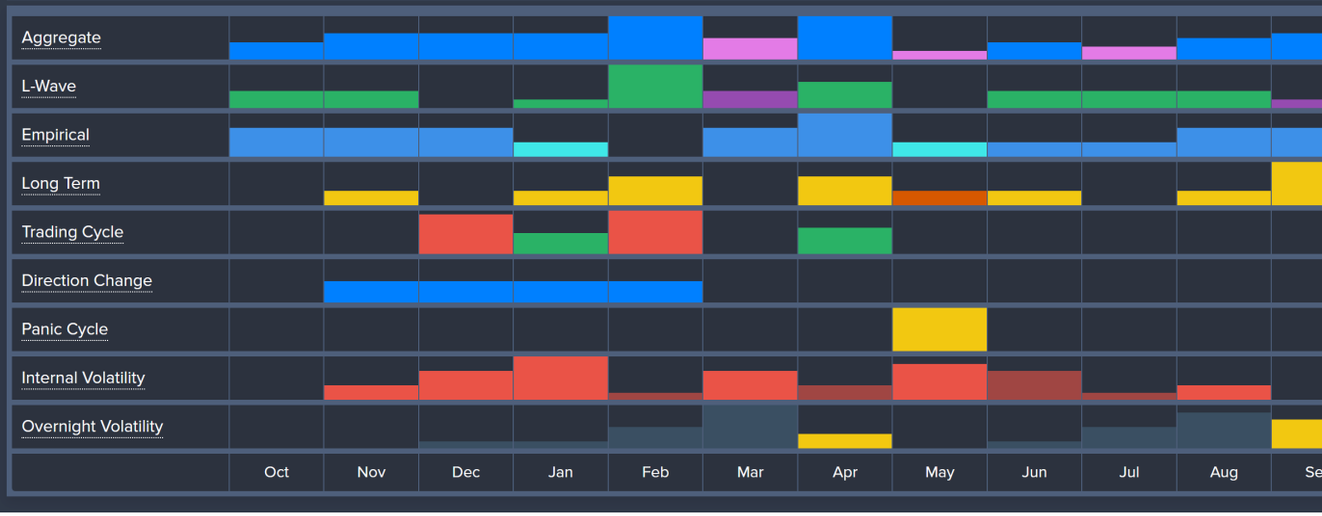
BULLISH		BEARISH	
MAJOR	MINOR	MAJOR	MINOR
	218.50	186.50	188.80
	220.20		187.00
	220.80		186.70
	221.70		186.60

Monthly Indicating Ranges

Energy	Momentum	Trend	Long Term Trend	Cyclical Strength	Center Point	Consecutive Closes
Bullish	Bearish	Bearish	Bearish	Bearish	Bearish	Down 2 Months

Australia BMK 10 Yr Index

Monthly Timing Arrays



THANK YOU