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ROLF BERTSCHI GLOBAL CHART OUTLOOK

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GLOBAL CHART OUTLOOK

Looking for ORDER instead of REASON

GLOBAL MARKETS 28th April 2020 / Issue #17

1

Swiss Market Index SMI

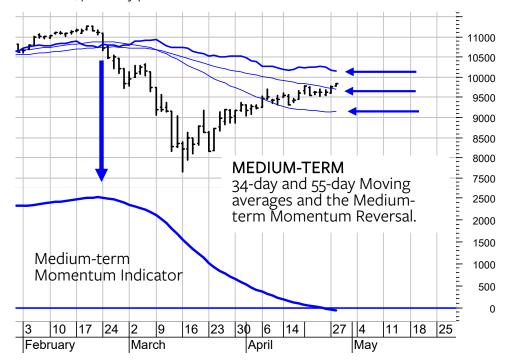
Short-term, Medium-term and Long-term

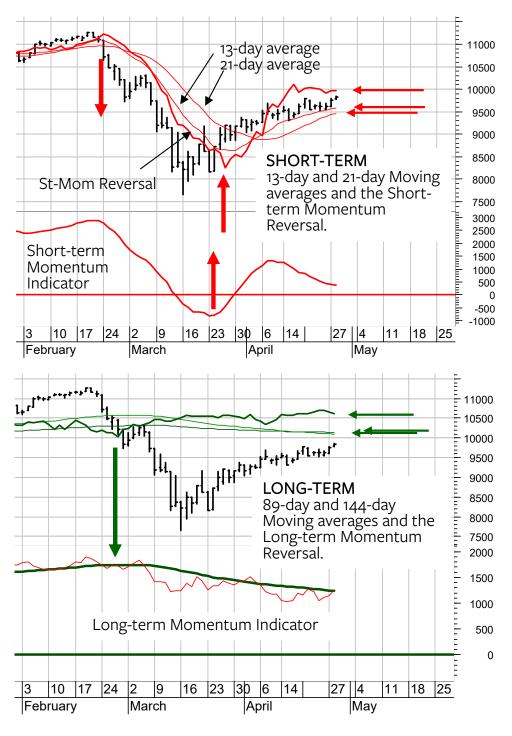
On this page, I show the SMI with the short-term, medium-term and long-term indicators. Each time horizon has three indicators, two moving averages and one momentum reversal. Instead of showing the 9 indicators on one chart (see the next page), they are here shown on three separate charts.

DOWNTREND signals are triggered when the Index DECLINES BELOW two of the three indicators. UPTREND signals are triggered when the Index RISES ABOVE two of the three indicators. The UPTREND is most likely to persist when as long as the Index is positioned ABOVE all three indicators. The DOWNTREND is most likely to persist as long as the Index is positioned BELOW all three indicators.

For the SMI, the short-term trend (upper right chart) has been rising since 25.3.2020. The SMI remains above the two moving averages. If it again breaks above the short-term momentum reversal at 10000, it will be positioned above all three short-term indicators. Presently, it would take a fall below 9400 to turn the short-term trend down. If the short-term momentum turns up again, I will look at the medium-term indicators. The medium-term trend is turning upwards with the break above the 55-day average. But, it must also cross the medium-term momentum reversal at 10160 to give the medium-term uptrend more credence.

The long-term trend would turn upwards if the SMI rises above the three long-term indicators, presently positioned between 10100 and 10600.



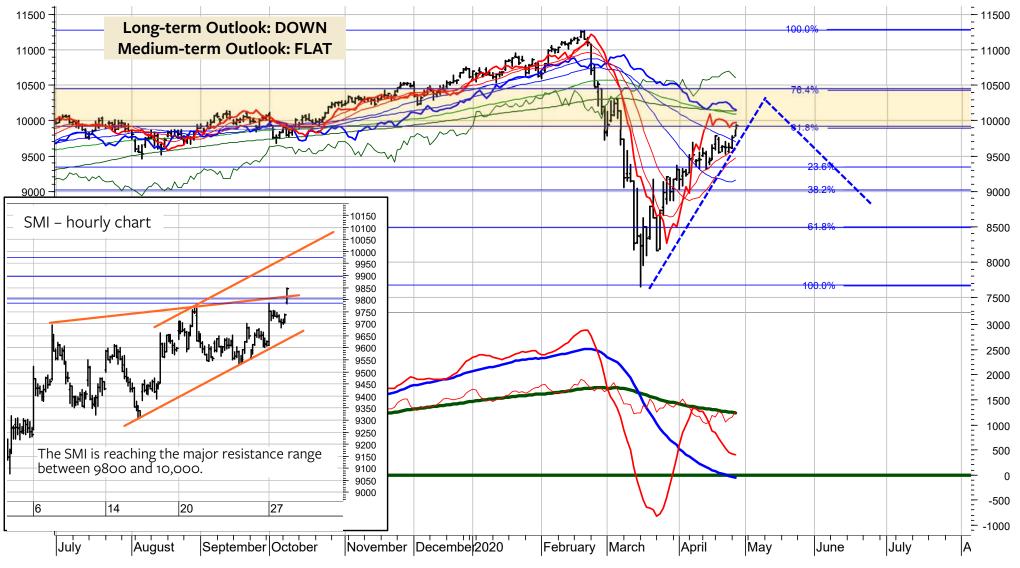


Swiss Market Index SMI - daily chart

The SMI remains in its short-term rebound, which was signaled on 25.3.2020 at 8700, when the SMI rose above the 13-day and 21-day moving averages and also above the

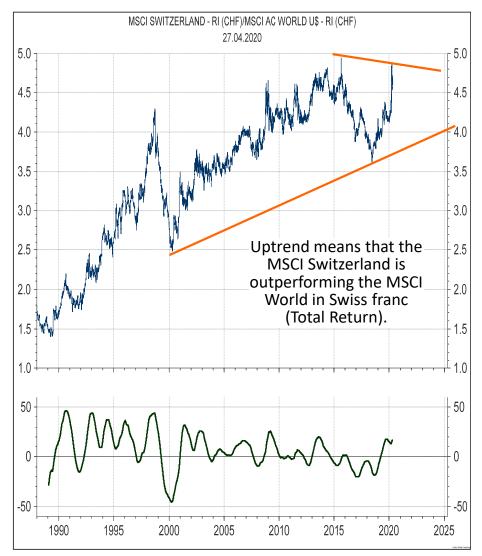
short-term momentum reversal. These are the 3 short-term indicators (all marked red). Presently, the Index remains above the 2 moving averages. It is only the sort-term momentum which turned down on 8.4.2020, i.e. when the SMI crossed below the short-term reversal.

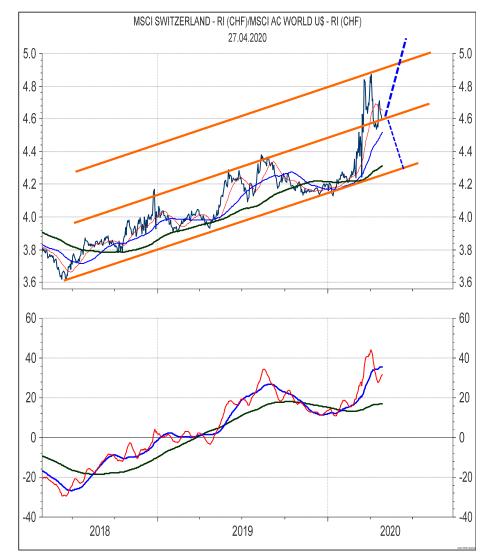
Following this short-term momentum top the short-term uptrend in the SMI has remained intact as the SMI stayed above the two moving averages. The short-term momentum would turn upwards again if the SMI re- breaks above the short-term momentum reversal at 10,000. In addition, the medium-term trend could turn upwards if the SMI breaks above the medium-term momentum reversal at 10,200. For the long-term trend to turn upwards, the SMI needs to rise above the three long-term indicators at 10,200 and 10,600. THE TECHNICAL INDICATORS and the FIBONACCI RESISTANCE LEVELS INDICATE THAT THE SMI IS HEADING TO THE MEGA RESISTANCE ZONE BETWEEN 10,000 AND 10,600. The odds still favor a second downleg from within this resistance zone.



MSCI Switzerland relative to the MSCI World Index in Swiss franc

The short-term relative performance of the MSCI Switzerland relative to the MSCI World, measured in Swiss franc, has been declining since the top in early April. This means the MSCI Switzerland has been underperforming the World Index over the past few weeks. However, it is still not clear if this underperformance is just a short-term correction or, if it forms a medium-term or even a long-term top. The long-term chart (at left) implies that another new relative high is likely to be registered and that the present underperformance is only of short-term degree. This is why the relative outlook remains OUTPERFORM SWITZERLAND. ALL LOCAL STOCK MARKET INDICES MEASURED IN SWISS FRANC (and updated on the following pages), ARE RATED UNDERPERFORM RELATIVE TO THE MSCI SWITZERLAND. Swiss franc-based equity investors REMAIN OUT OF ALL GLOBAL STOCK MARKETS. The single exception remains the MSCI CHINA, which is still rated NEUTRAL relative to the MSCI Switzerland. Thus, there still is NO foreign stock market, which, if measured in Swiss franc, is outperforming the MSCI Switzerland. A new upgrade could be signaled by the US stock market, which is under review for a possible long-term upgrade to outperform (see page 12).

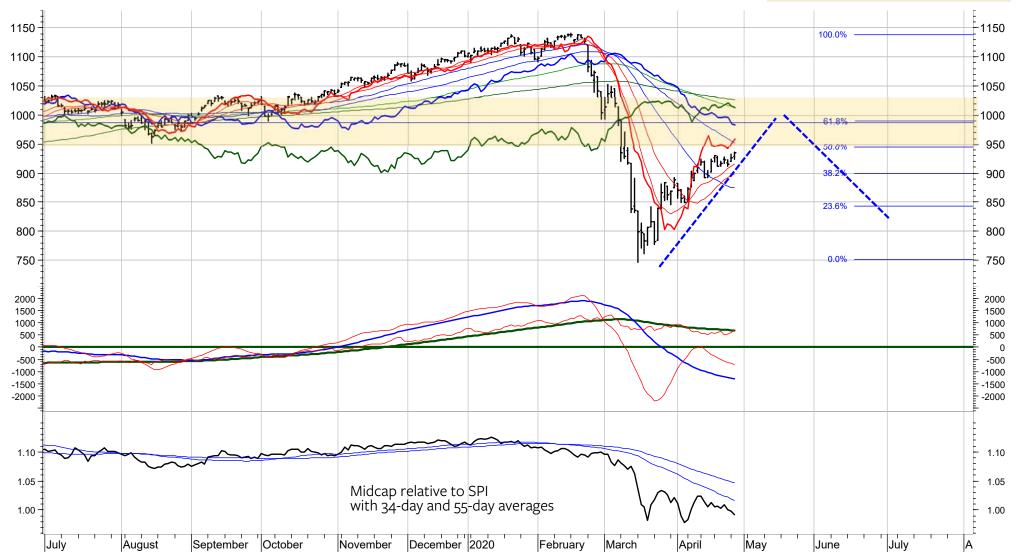




Swiss MidCap Price Index (.SMIX) - daily chart

The Midcap Index is recovering to the resistance cluster between 1000 and 1030. I am looking for a top and the rebound from March to be followed by another setback. The relative outperformance of the MidCap relative to the SPI (lower chart, marked black) remains above the relative lows of March and April. But, a new trend of relative outperformance has yet to be signaled. Investors remain UNDERWEIGHT in the MidCap Index relative to the SPI.

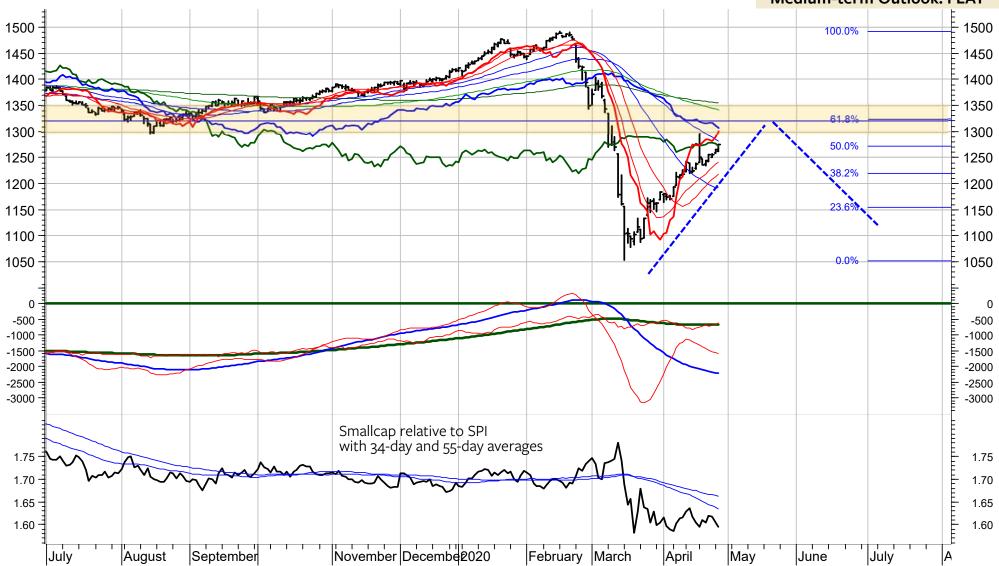
Long-term Outlook: DOWN Medium-term Outlook: FLAT



Swiss SmallCap Price Index (.SSIX) - daily chart

The Smallcap Index is recovering to the resistance cluster between 1300 and 1360. I am looking for a top and the rebound from March to be followed by another correction. The relative performance of the Smallcap Index to the SPI (lower chart, marked black) remains weak. The consolidation is likely to be followed by another relative low. Investors should remain UNDERWEIGHT in the Smallcap Index relative to the SPI.

Long-term Outlook: DOWN Medium-term Outlook: FLAT

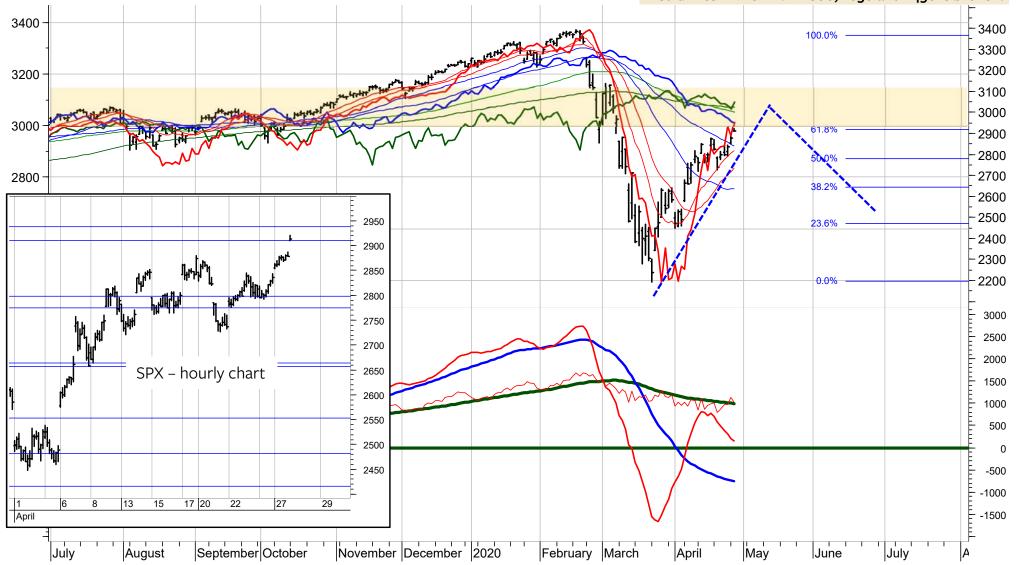


S & P 500 Index – daily chart

The rebound in the S&P 500 Index is approaching the major resistance cluster between 2950 and 3030. The next higher resistance is the 76.40%-retracement to the 1Q 2020 decline at 3120. I am looking for a top and the rebound from March to be followed by another correction.

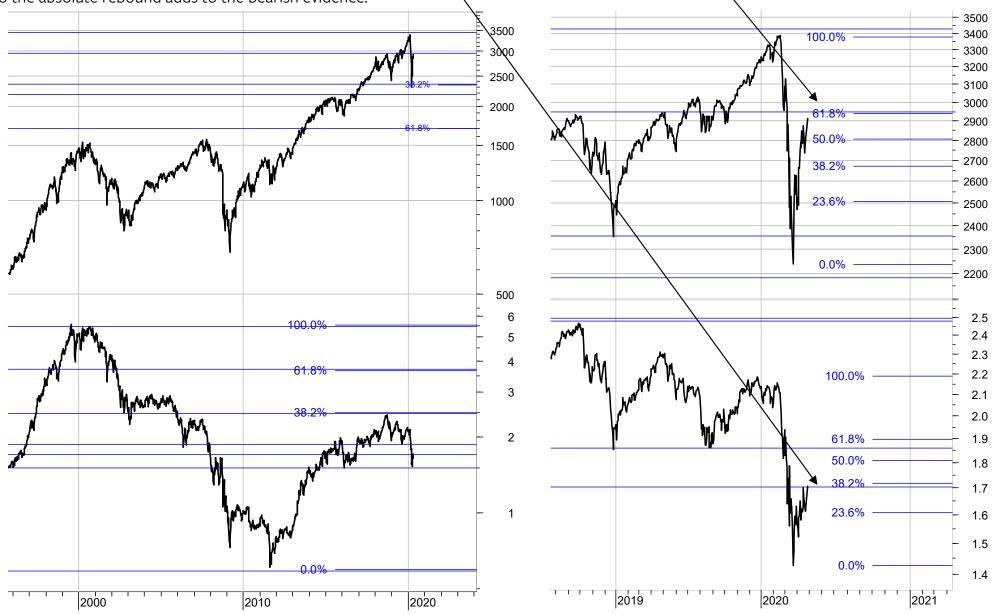
The MSCI USA (see page 12, lower right), measured in Swiss franc, has been underperforming the MSCI Switzerland from 2018 until March 2020. This means that Swiss franc based equity investors were underweight the US stock market and overweight the MSCI Switzerland. With the recent relative upturn a new upgrade of the US stock market could be pending.

Long-term Outlook: DOWN Medium-term Outlook: FLAT Medium-term DOWN if 2800, 2650 and 2450 is broken.



S&P 500 Index absolute (top) and relative to Gold in US dollar (bottom chart)

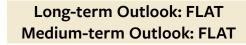
The rebound in the S&P 500 Index is close to the 61.80% retracement to the 1Q 2020 decline at 2950. The S&P 500 Index relative to Gold is testing the 38.20% retracement. The fact that the rebound relative to Gold is much smaller compared to the absolute rebound adds to the bearish evidence.

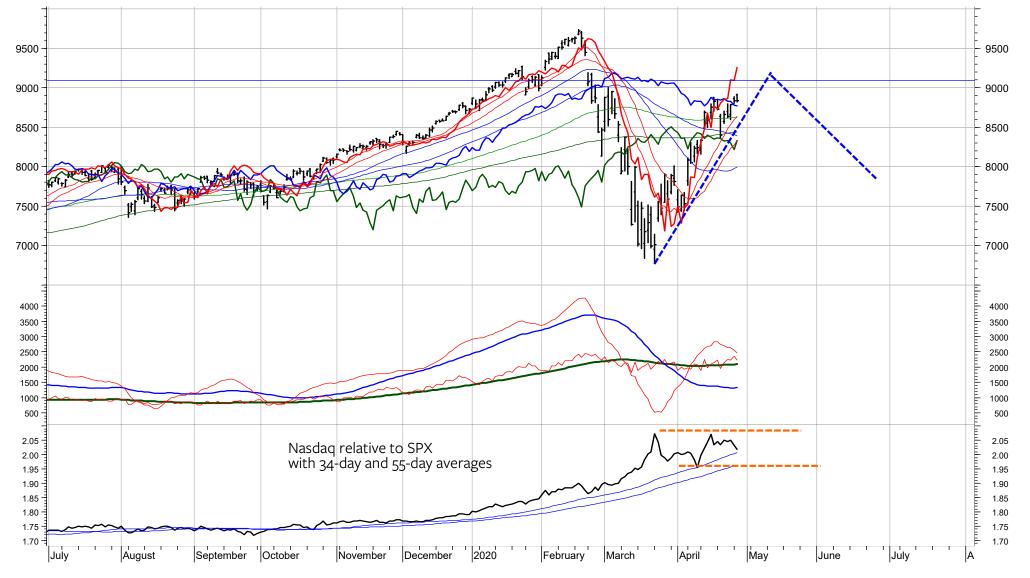


Nasdaq 100 Index - daily chart

The Nasdaq is reaching the highest resistance below which the scenario of another downleg is still favored. This resistance is the level of the short-term momentum reversal, presently at 9250. Also positioned close to this level is the 76.40% retracement to the 1Q 2020 decline, at 9050.

In addition, the relative outperformance of the Nasdaq Index to the S&P 500 Index (bottom chart) has been weaker during the rebound from March compared to the outperformance during the bull market of 2019. This lack of a relative new high could mean that the Nasdaq could trace out a second downleg.

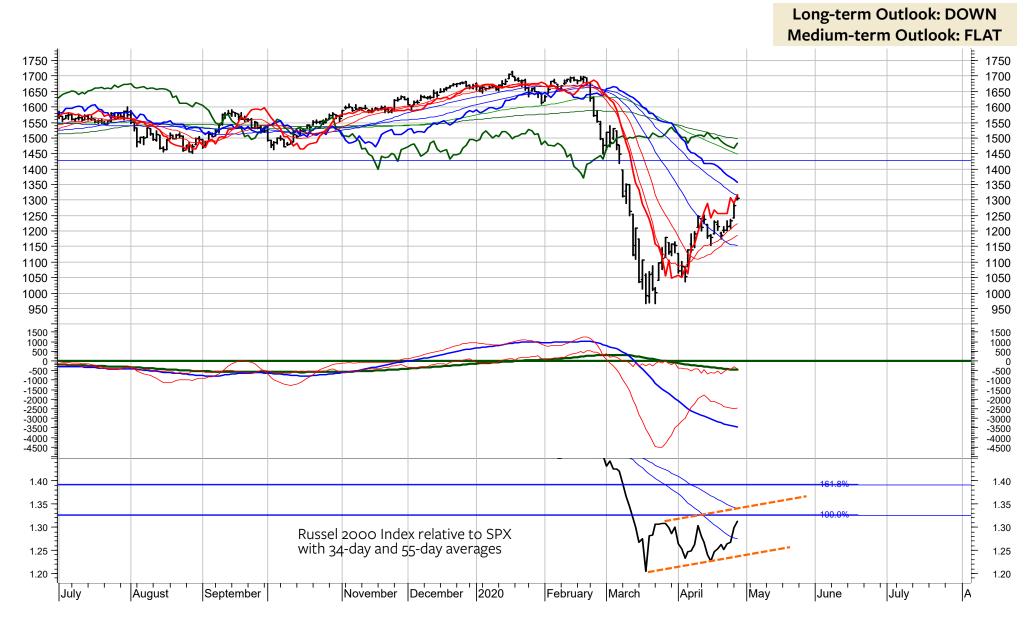




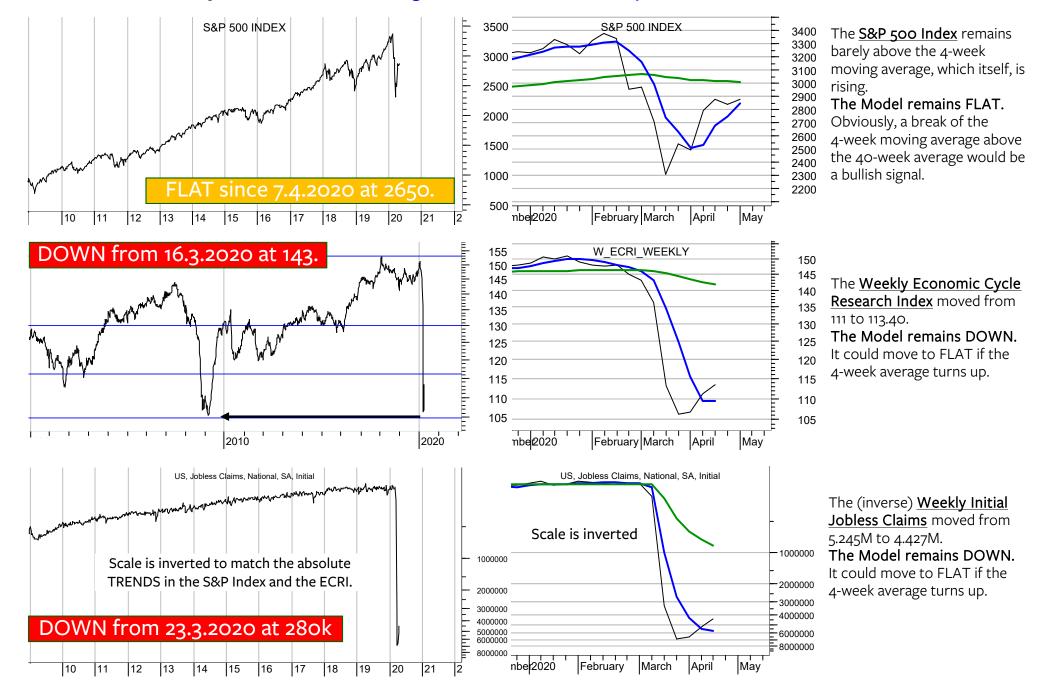
Russel 2000 Index - daily chart

Rolf Bertschis Chart Outlook

I am watching the Russel 2000 Index to see if the long-term underperformance (bottom chart) relative to the S&P 500 Index is bottoming. Given the pattern of the relative chart, I am looking for a new upgrade to neutral and possibly overweight if the relative resistance levels at 1.3250 and 1.39 are broken.



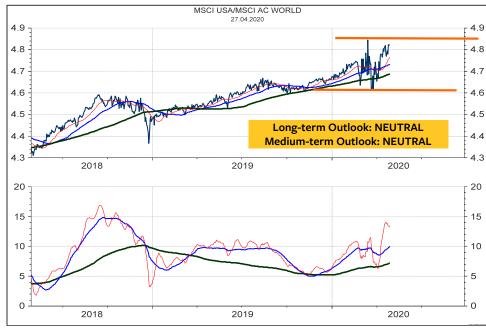
Three-Factor-US-Cycle Model – Watching for a medium-term top in the S&P 500 Index



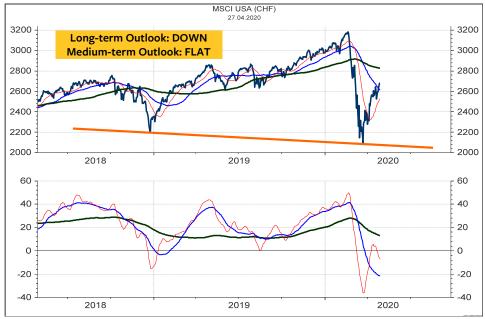
MSCI USA in US\$



MSCI USA relative to the MSCI AC World



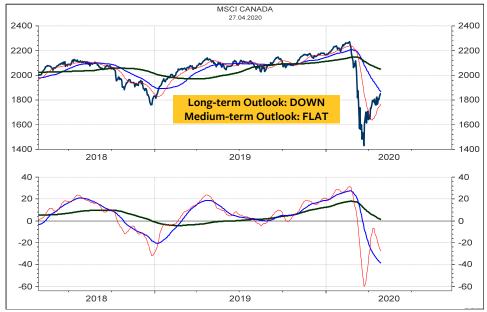
MSCI USA in Swiss franc



MSCI USA in CHF relative to MSCI Switzerland



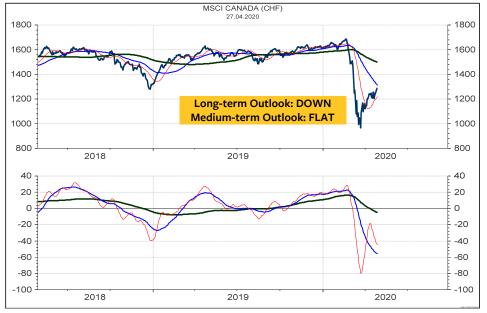
MSCI CANADA in Canadian dollar



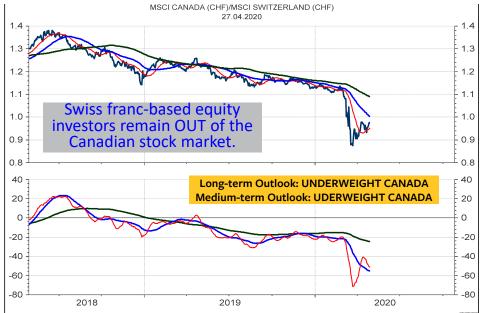
MSCI CANADA relative to the MSCI AC World



MSCI CANADA in Swiss franc



MSCI CANADA in Swiss franc relative to MSCI Switzerland



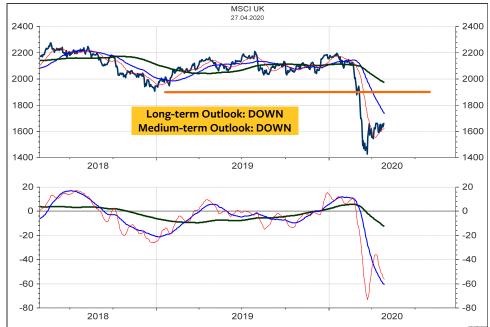
U.K. FTSE Index – daily chart

The FTSE remains below the 38.20% retracement level of the decline in 1Q 2020 (at 6000). This relative underperformance is also mirrored on the next page on the bottom charts. The relative performance of the MSCI U.K. remains weak against the World Index and also measured in Swiss franc relative to the MSCI Switzerland.

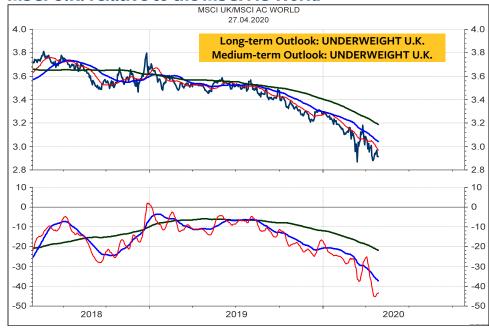
7800 7800 100.0% HALL HAR HEALTH 7600 7600 7400 7400 7200 7200 7000 7000 6800 6800 61.8% 6600 6600 6400 50.0% 6400 6200 6200 6000 38.2% 1 DOM 5800 5900 5600 23.6% 5400 5850 5200 5800 5000 0.09 5750 4800 5700 1000 5650 500 0 5600 -500 5550 -1000 FTSE - hourly chart 5500 -1500 5450 -2000 -2500 5400 -3000 20 27 6 14 -3500 ٩pril -4000 July August October September December 2020 February April May July November March June

Long-term Outlook: DOWN Medium-term Outlook: DOWN

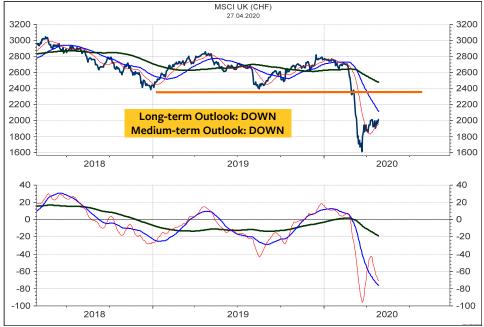
MSCI U.K. in British Pound



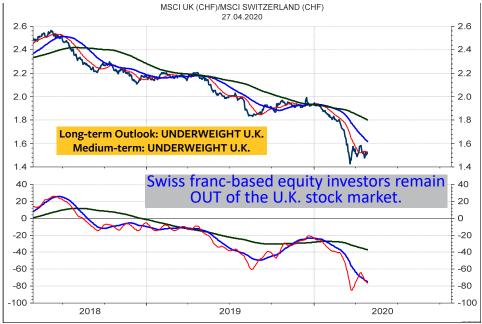
MSCI U.K. relative to the MSCI AC World



MSCI U.K. in Swiss franc



MSCI U.K. in CHF relative to MSCI Switzerland



Eurostoxx 50 Index – daily chart

The Index is trading at the 38.20% retracement to the 1Q 2020 decline at 2900, a break of which would signal a test of the short-term momentum reversal at 3020. If both lines can be broken, then the Eurostoxx 50 Index could test the next major resistance at 3100 or 3300.

But, given the relative underperformance (see page of the MSCI EMU the for now, for Swiss franc-based equit European equities remain



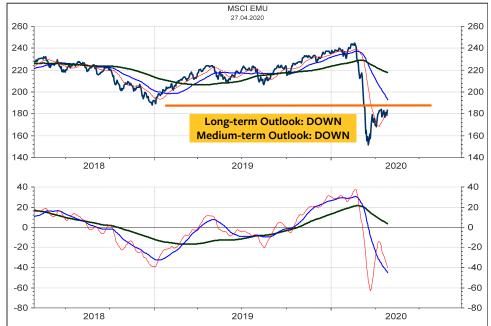
Eurostoxx Banks Index – daily chart

The European Bank Stocks Index turned up again just above the medium-term support at 58.50. The Index could be forming an inverse Head and Shoulder Bottom in absolute and relative terms. The present rally is likely to test the multiple resistance cluster between 65 and 68. I will be more convinced that a break of 65 will also be of long-term significance if also 68 is broken. In fact, another short-term top within this range 65 to 68 would be in line with my general stock market scenario, which calls for a top in Wave 5 in 1Q 2020. Finally, the relative chart would have Long-term Outlook: DOWN to confirm a relative 1.03 / 1.04 for a new long-term outperformance would be signaled.

Medium-term Outlook: DOWN



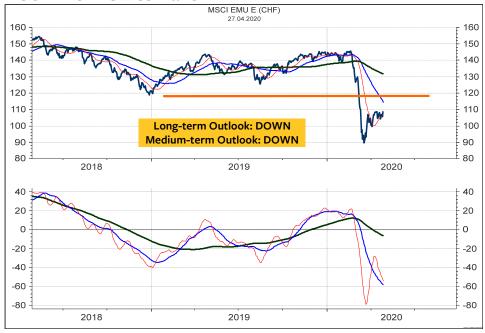
MSCI EMU in Euro



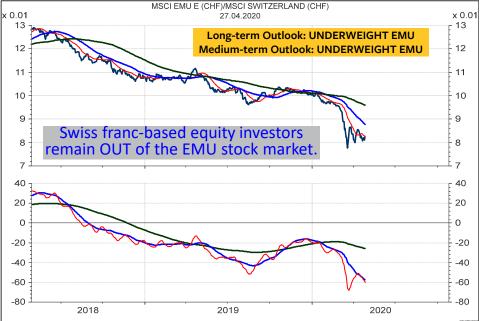
MSCI EMU relative to the MSCI AC World



MSCI EMU in Swiss franc



MSCI EMU in CHF relative to MSCI Switzerland

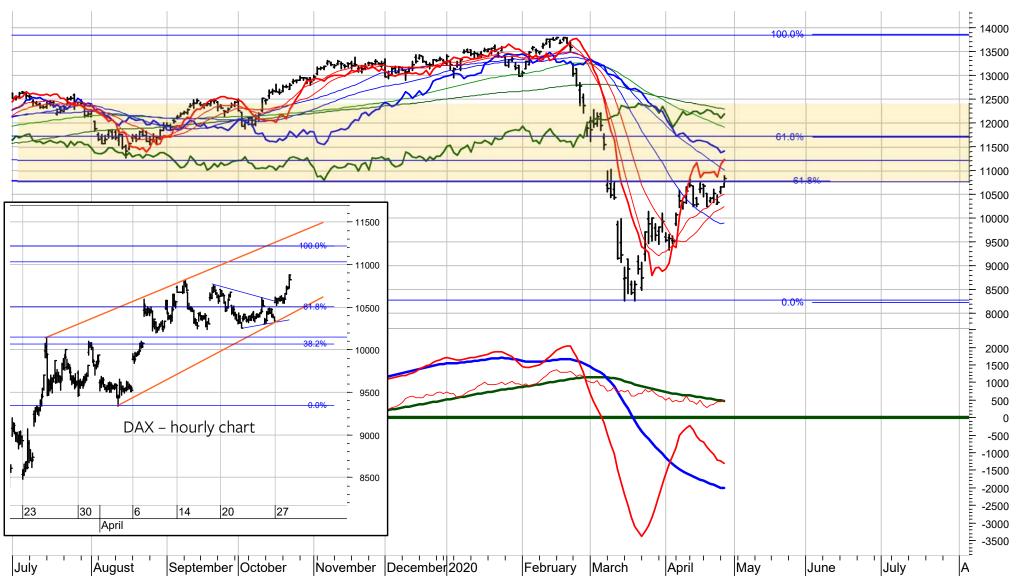


Deutscher Aktien Index DAX – daily chart

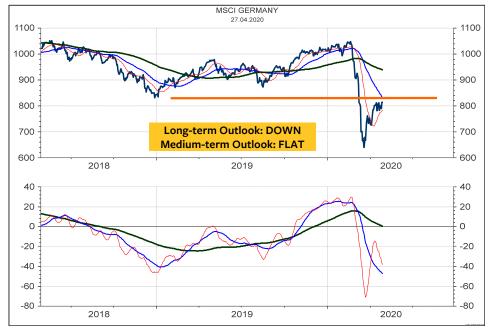
The DAX is breaking the resistance at 10750. It could extend the rebound to the major resistance cluster between 11250 to 12300.

Also, the hourly chart allows for some more strength to the upper wedge trendline at 11500. The downside risk will clearly increase if the short-term trend turns down. Such a downturn would be signaled by the a break of 10500 and 11250.

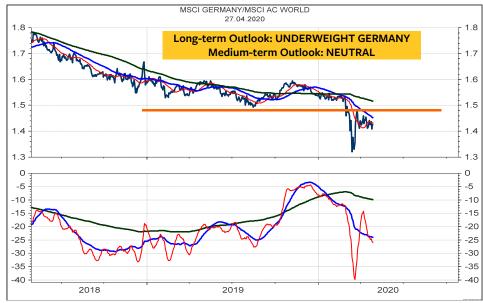
Long-term Outlook: DOWN Medium-term Outlook: FLAT



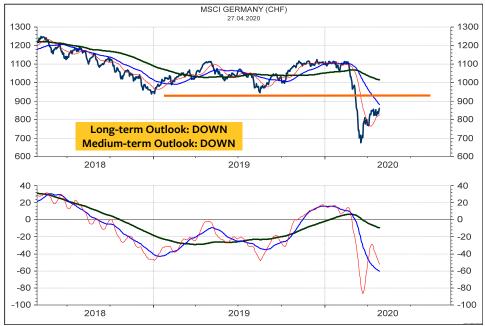
MSCI GERMANY in Euro



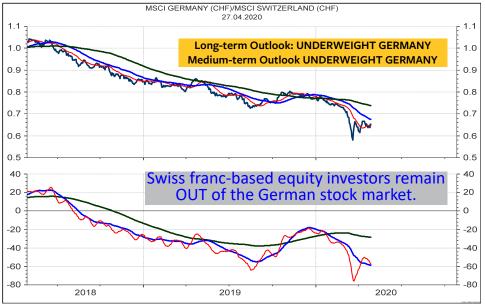
MSCI GERMANY relative to the MSCI AC World



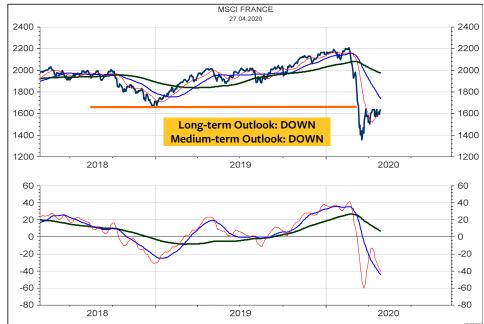
MSCI GERMANY in Swiss franc



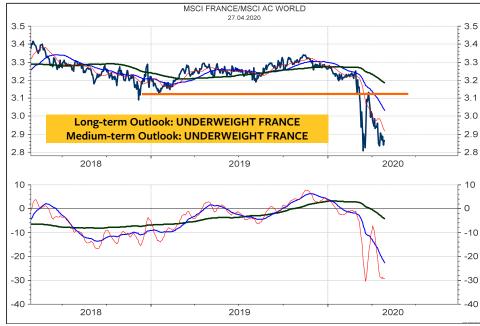
MSCI GERMANY in CHF relative to MSCI Switzerland



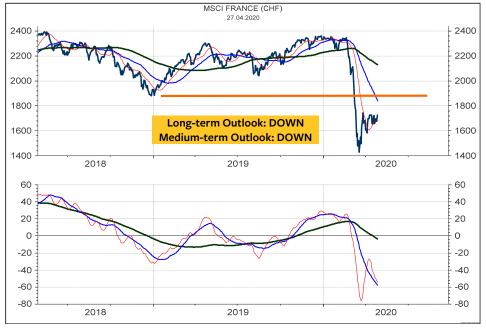
MSCI FRANCE in Euro



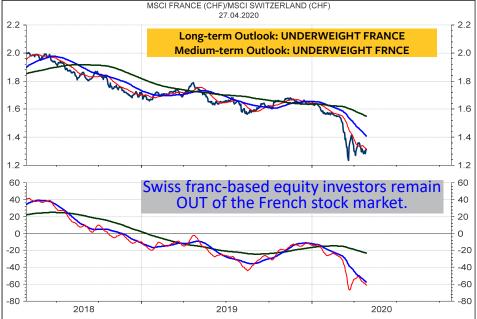
MSCI FRANCE relative to the MSCI AC World



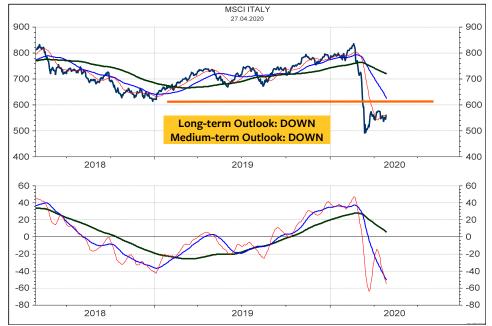
MSCI FRANCE in Swiss franc



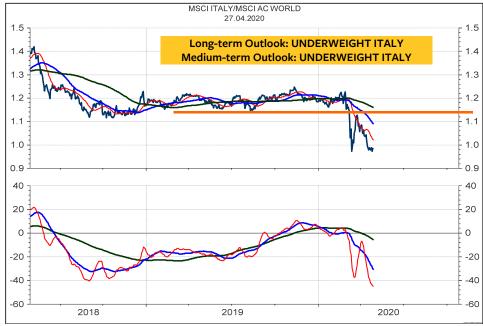
MSCI FRANCE in CHF relative to MSCI Switzerland



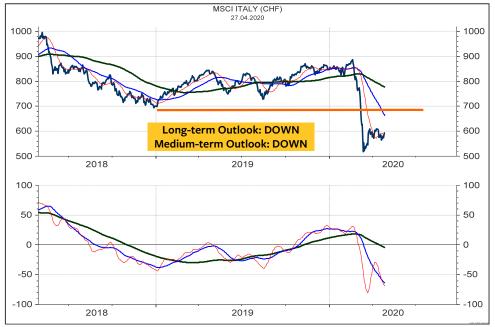
MSCI ITALY in Euro



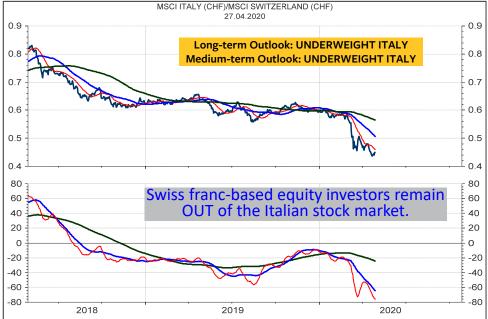
MSCI ITALY relative to the MSCI AC World



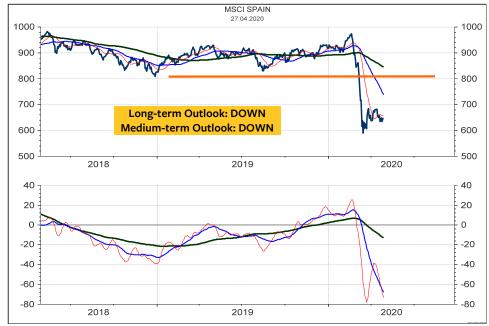
MSCI ITALY in Swiss franc



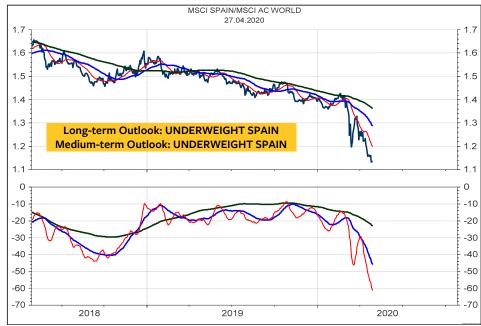
MSCI ITALY in CHF relative to MSCI Switzerland



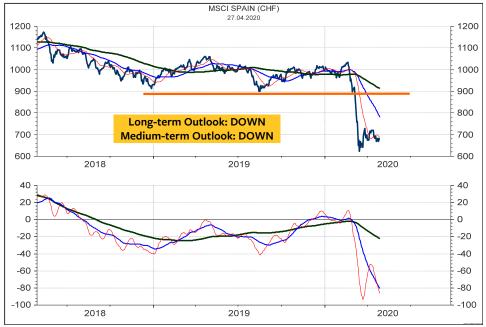
MSCI SPAIN in Euro



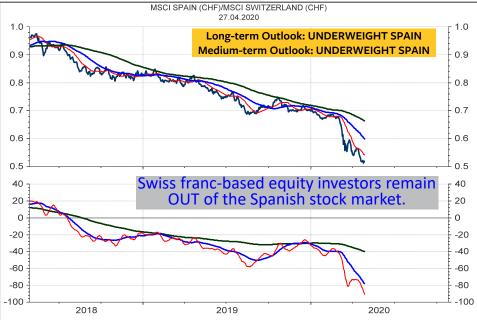
MSCI SPAIN relative to the MSCI AC World



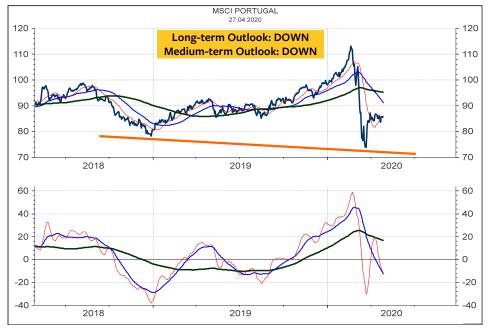
MSCI SPAIN in Swiss franc



MSCI SPAIN in CHF relative to MSCI Switzerland



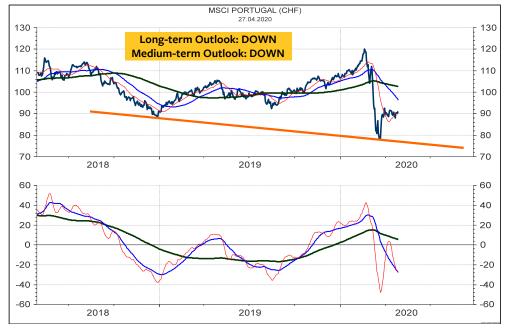
MSCI PORTUGAL in Euro



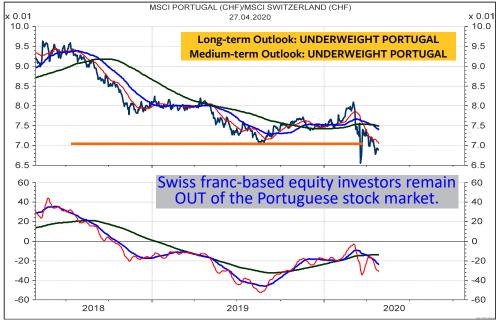
MSCI PORTUGAL relative to the MSCI AC World



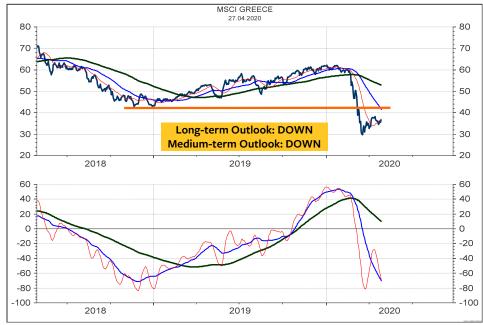
MSCI PORTUGAL in Swiss franc



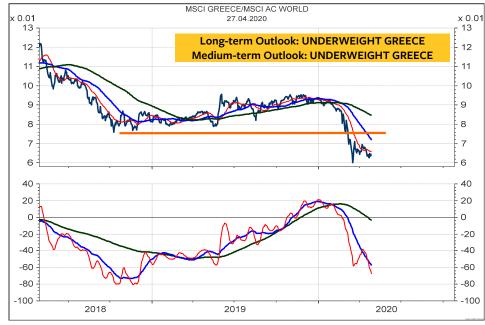
MSCI PORTUGAL in CHF relative to MSCI Switzerland



MSCI GREECE in Euro



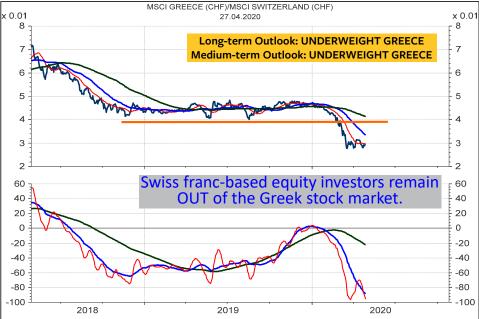
MSCI GREECE relative to the MSCI AC World



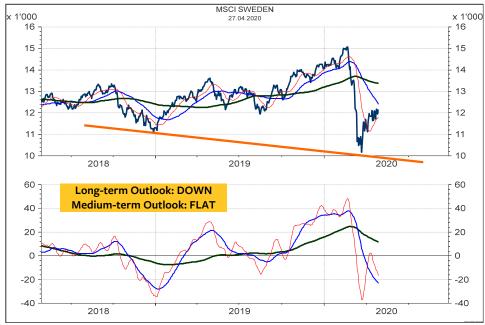
MSCI GREECE in Swiss franc



MSCI GREECE in CHF relative to MSCI Switzerland



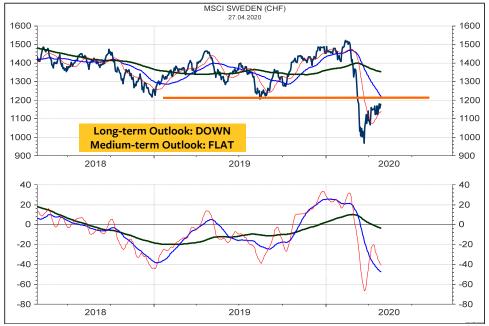
MSCI SWEDEN in Euro



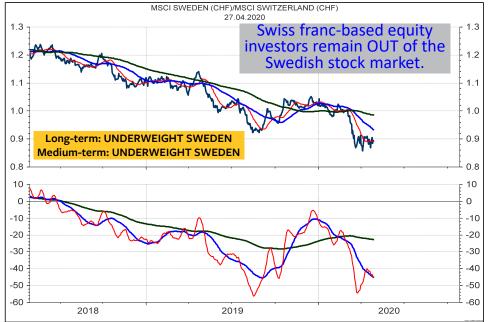
MSCI SWEDEN relative to the MSCI AC World



MSCI SWEDEN in Swiss franc



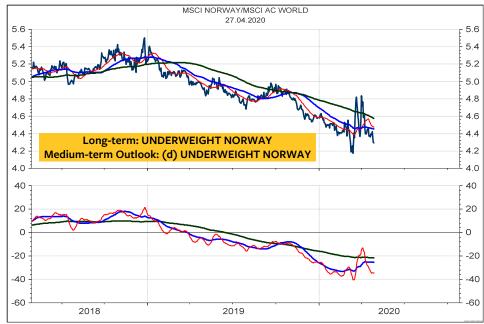
MSCI SWEDEN in CHF relative to MSCI Switzerland



MSCI NORWAY in Euro



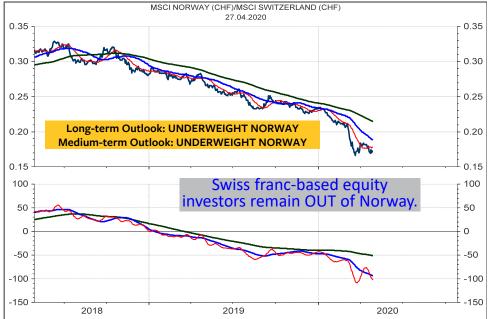
MSCI NORWAY relative to the MSCI AC World



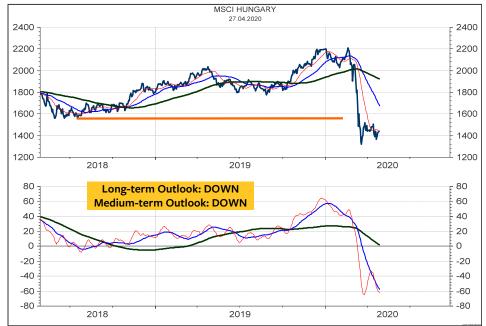
MSCI NORWAY in Swiss franc



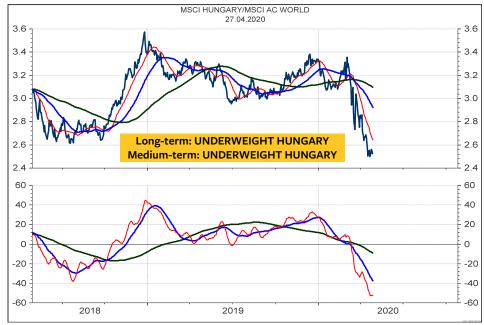
MSCI NORWAY in CHF relative to MSCI Switzerland



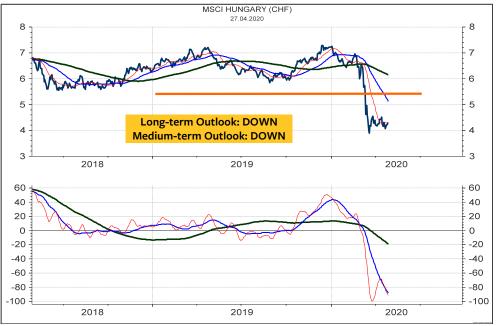
MSCI HUNGARY in Forint



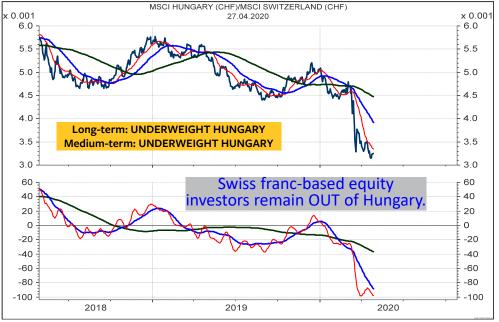
MSCI HUNGARY relative to the MSCI AC World



MSCI HUNGARY in Swiss franc



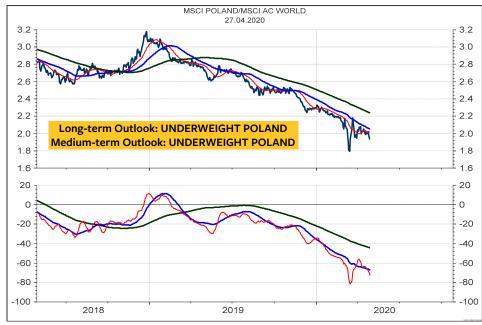
MSCI HUNGARY in CHF relative to MSCI Switzerland



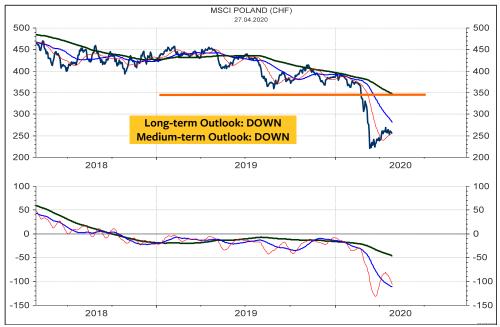
MSCI POLAND in Euro



MSCI POLAND relative to the MSCI AC World



MSCI POLAND in Swiss franc



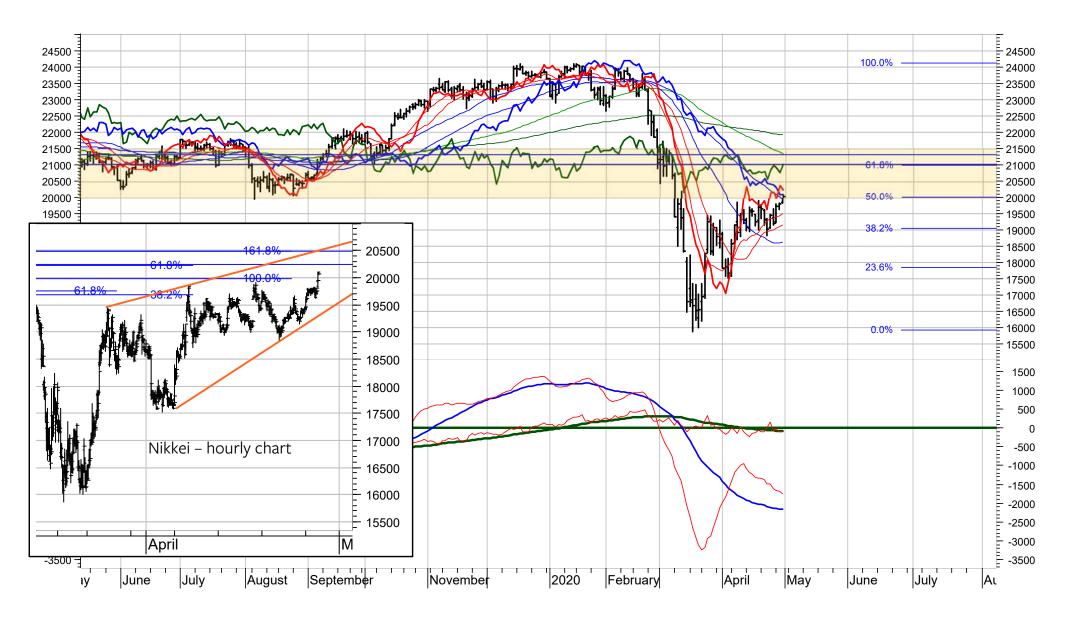
MSCI POLAND in CHF relative to MSCI Switzerland



Japanese Nikkei 225 Index – daily chart

The rebound in the Nikkei has reached the resistance at 19900. A break of 20000 is required for the Index to signal 21000. The support levels to sell are 19000, 18500/18300, 17800, 17300 and 15800.

Long-term Outlook: DOWN Medium-term Outlook: FLAT



MSCI JAPAN in Yen



MSCI JAPAN relative to the MSCI AC World



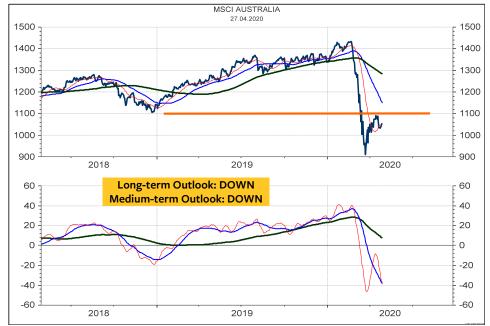
MSCI JAPAN in Swiss franc



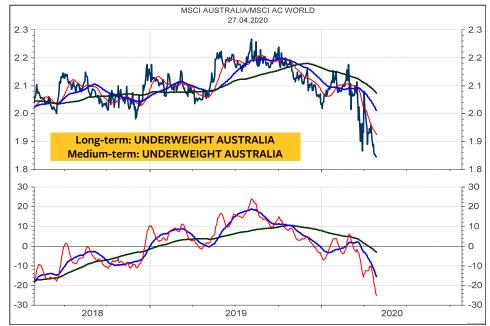
MSCI JAPAN in CHF relative to MSCI Switzerland



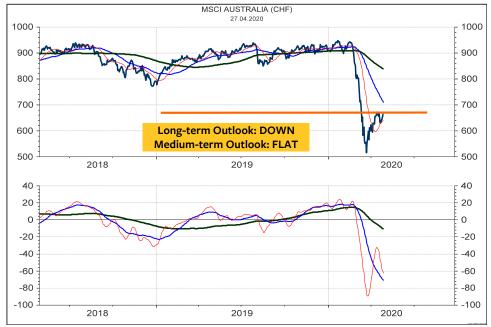
MSCI AUSTRALIA in Australian dollar



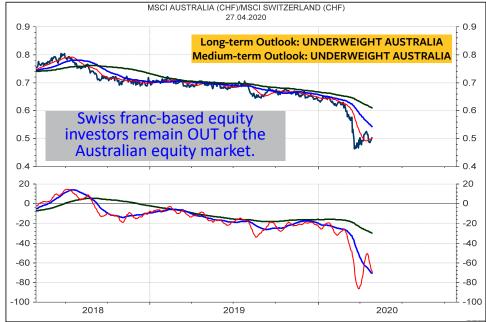
MSCI AUSTRALIA relative to the MSCI AC World



MSCI AUSTRALIA in Swiss franc



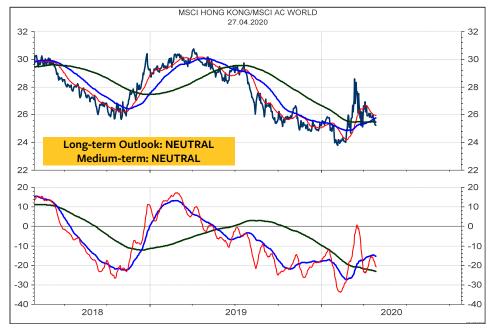
MSCI AUSTRALIA in CHF relative to MSCI Switzerland



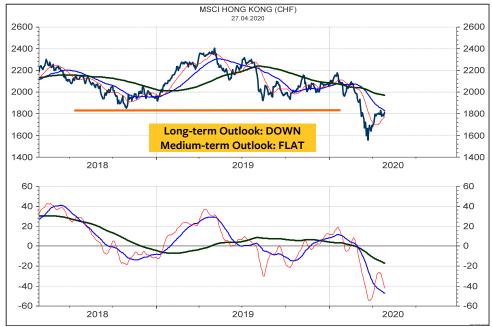
MSCI HONG KONG in Hong Kong dollar



MSCI HONG KONG relative to the MSCI AC World



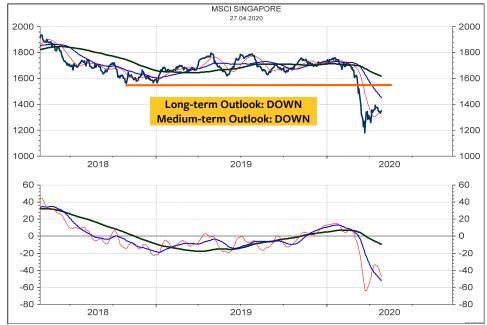
MSCI HONG KONG in Swiss franc



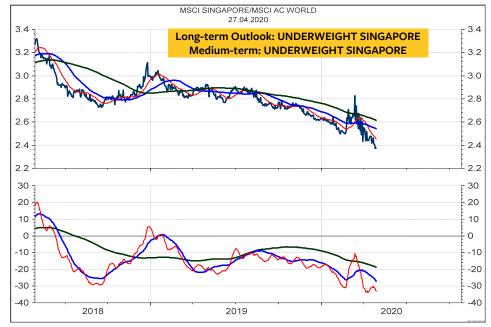
MSCI HONG KONG in CHF relative to MSCI Switzerland



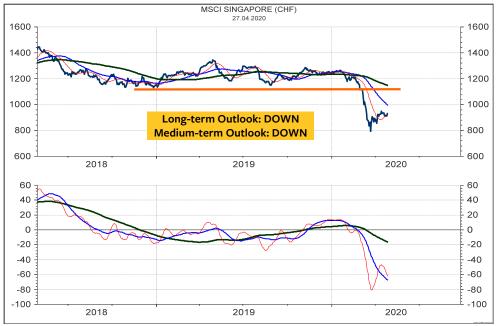
MSCI SINGAPORE in Singapore dollar



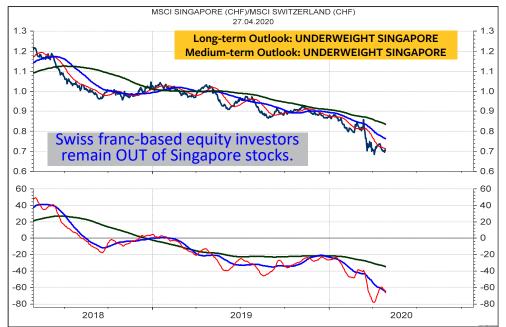
MSCI SINGAPORE relative to the MSCI AC World



MSCI SINGAPORE in Swiss franc

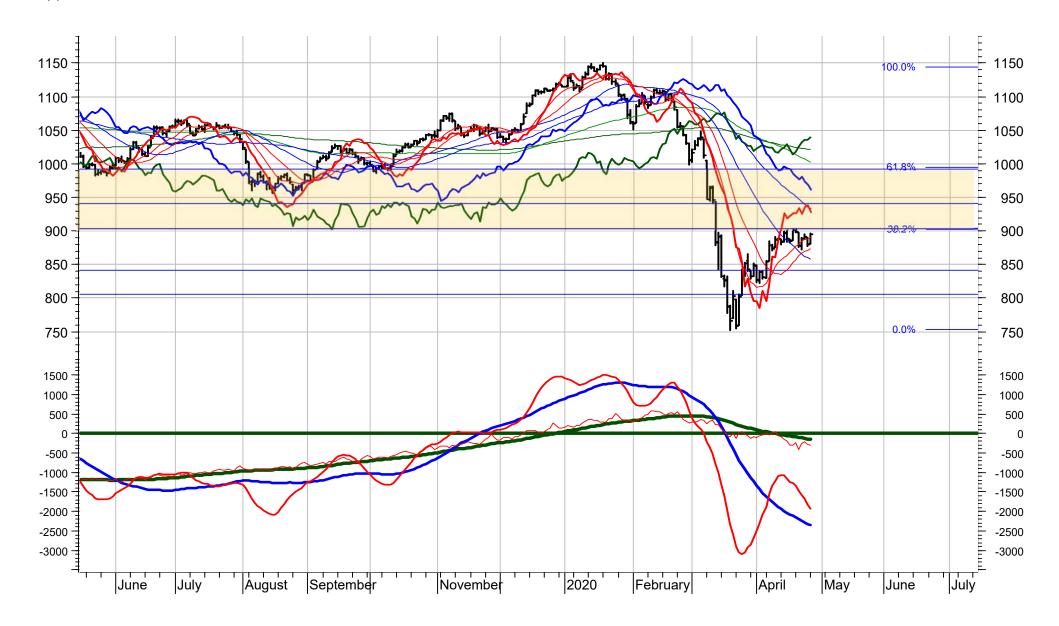


MSCI SINGAPORE in CHF relative to MSCI Switzerland

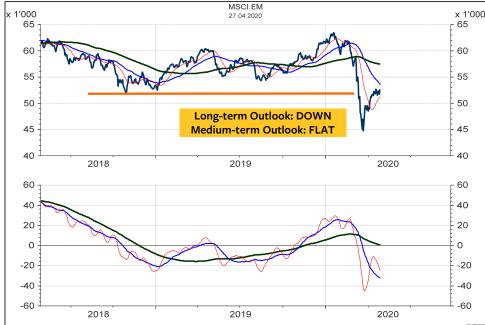


MSCI Emerging Market Index - daily chart

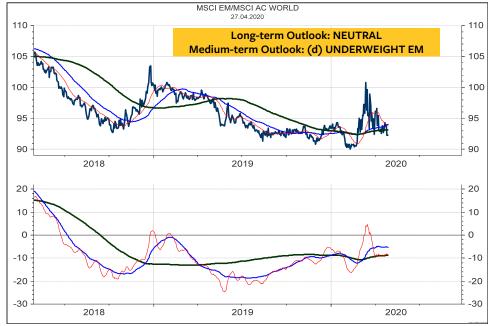
The EM Index has recovered to test the 38.20% retracement to the February and March decline at 910. A break above 910 would signal 940 or 990. Supports to sell are 840 and 800.



MSCI EMERGING MARKETS in local currencies



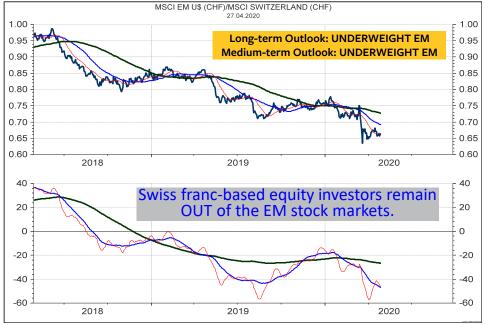
MSCI EMERGING MARKETS relative to the MSCI AC World



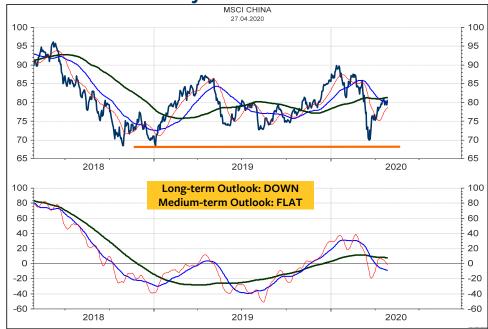
MSCI EMERGING MARKETS in Swiss franc



MSCI EMERGING MARKETS in CHF relative to MSCI Switzerland



MSCI CHINA in Chinese yuan



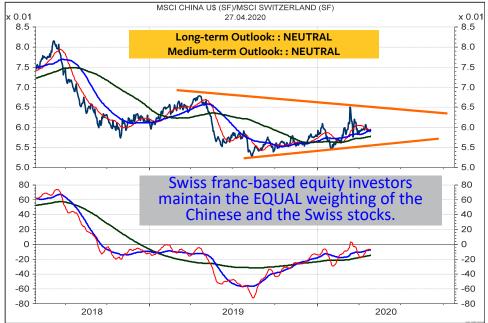
MSCI CHINA relative to the MSCI AC World



MSCI CHINA in Swiss franc



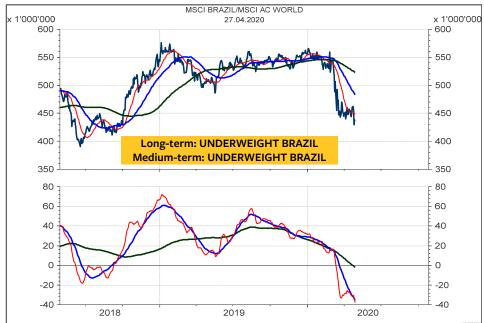
MSCI CHINA in CHF relative to MSCI Switzerland



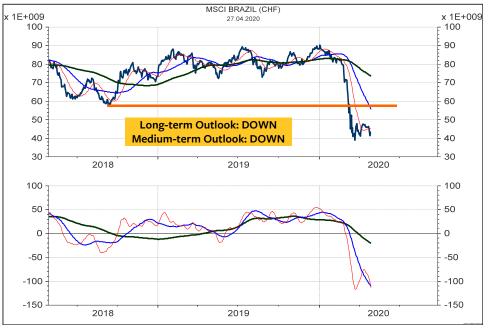
MSCI BRAZIL in Brazil real



MSCI BRAZIL relative to the MSCI AC World



MSCI BRAZIL in Swiss franc

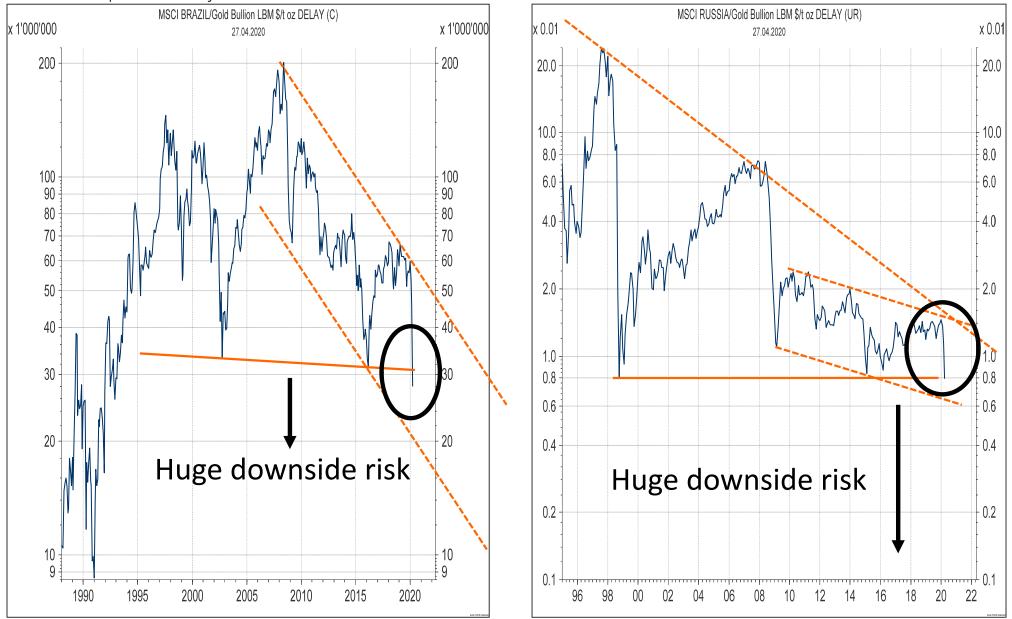


MSCI BRAZIL in CHF relative to MSCI Switzerland



MSCI Brazil relative to Gold in Brazilian real (left) and MSCI Russia relative to Gold in Russian rouble (right)

The MSCI Brazil relative to Gold in Real is breaking down from a 30 year top. The MSCI Russia relative to Gold in Rouble is breaking down below the lows of 2105 and 1998. Notice that both scales are logarithmic. Brazil has been in a bear market for the past 12 years. Russia has been in a bear market for the past 22 years. It is amazing, how different the absolute stock markets look (in fiat money) compared to the real charts, measured in Gold in their respective currency.



MSCI MEXICO in Mexican peso



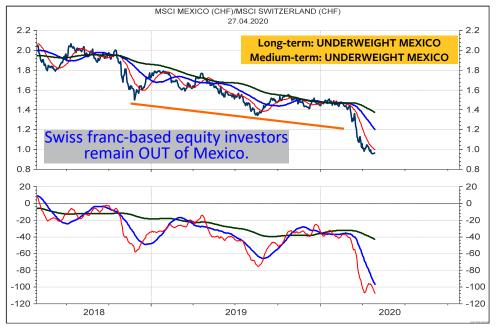
MSCI MEXICO relative to the MSCI AC World



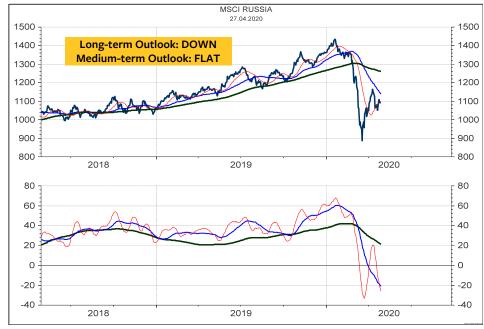
MSCI MEXICO in Swiss franc



MSCI MEXICO in CHF relative to MSCI Switzerland



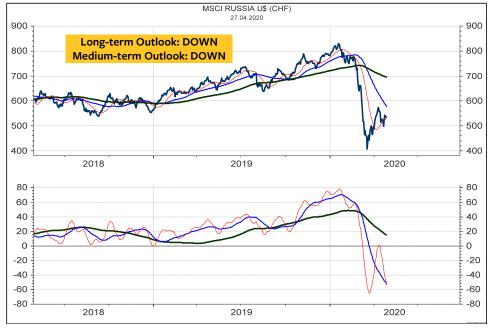
MSCI RUSSIA in Russian rouble



MSCI RUSSIA relative to the MSCI AC World



MSCI RUSSIA in Swiss franc



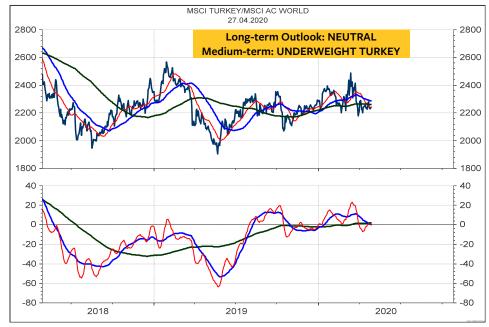
MSCI RUSSIA in CHF relative to MSCI Switzerland



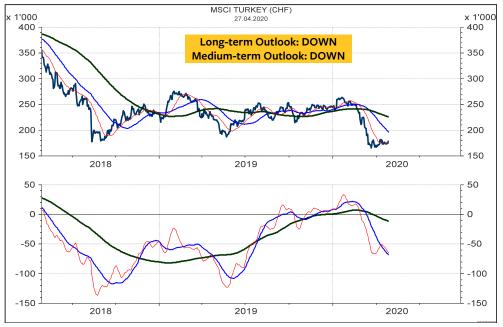
MSCI TURKEY in Turkish lira



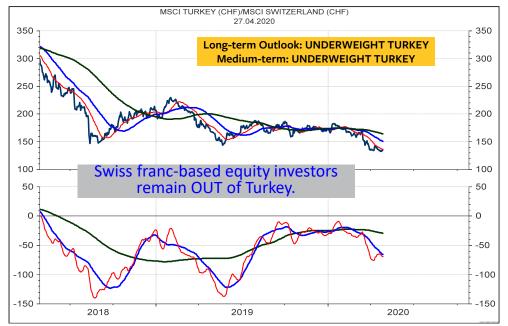
MSCI TURKEY relative to the MSCI AC World



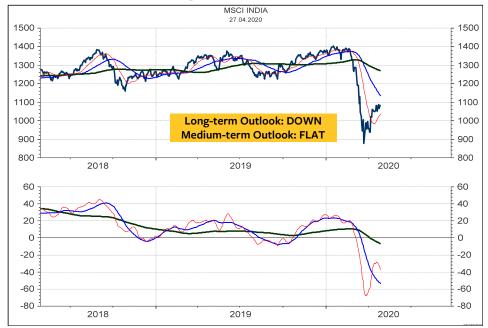
MSCI TURKEY in Swiss franc



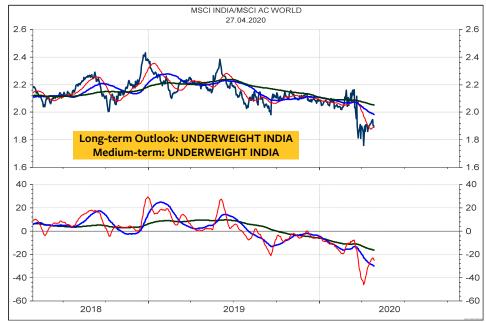
MSCI TURKEY in CHF relative to MSCI Switzerland



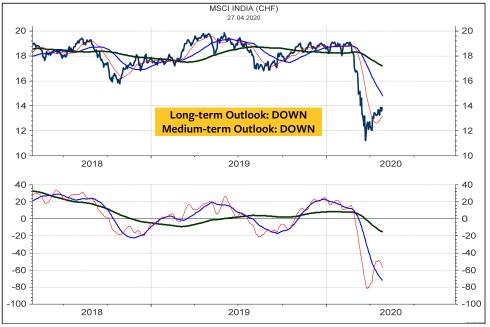
MSCI INDIA in Indian rupee



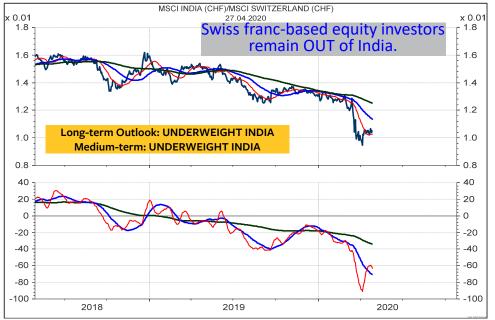
MSCI INDIA relative to the MSCI AC World



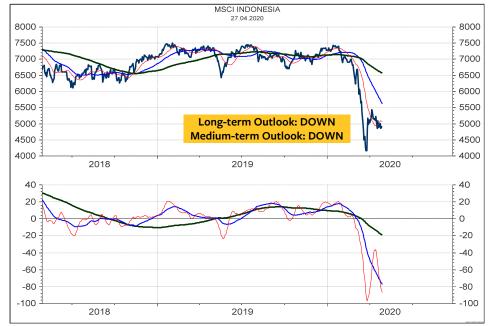
MSCI INDIA in Swiss franc



MSCI INDIA in CHF relative to MSCI Switzerland



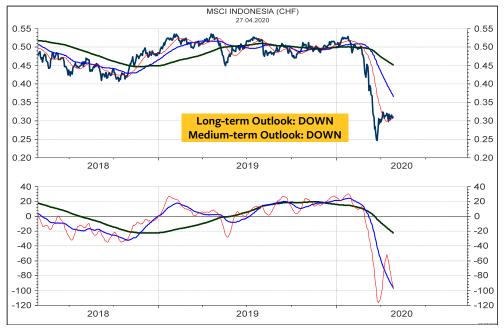
MSCI INDONESIA in Rupiah



MSCI INDONESIA relative to the MSCI AC World



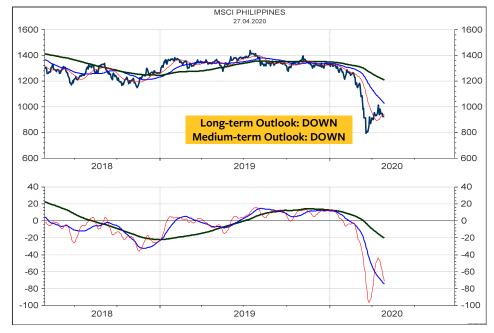
MSCI INDONESIA in Swiss franc



MSCI INDONESIA in CHF relative to MSCI Switzerland



MSCI PHILIPPINES in Peso



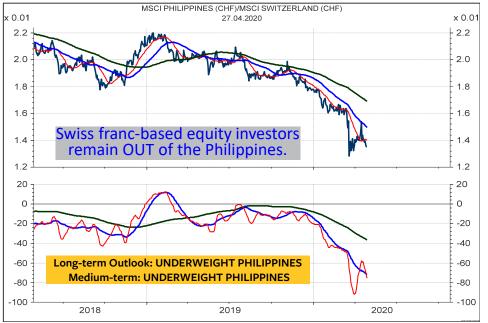
MSCI PHILIPPINES relative to the MSCI AC World



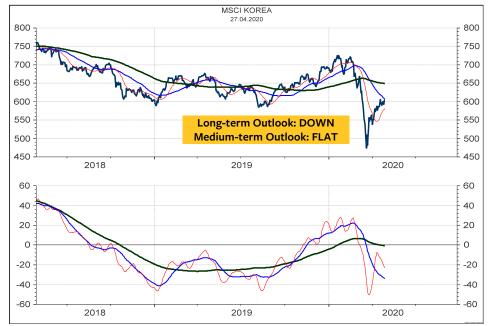
MSCI PHILIPPINES in Swiss franc



MSCI PHILIPPINES in CHF relative to MSCI Switzerland



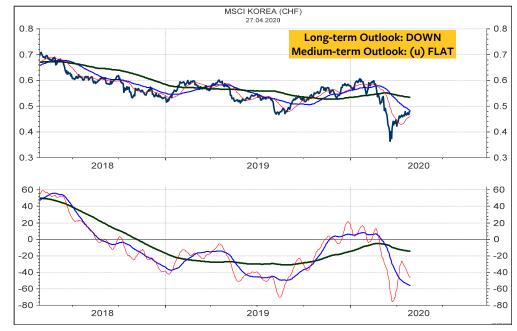
MSCI SOUTH KOREA in Won



MSCI SOUTH KOREA relative to the MSCI AC World



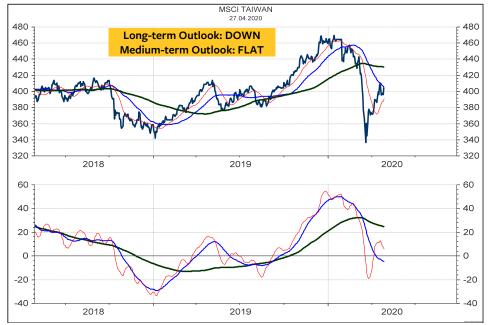
MSCI SOUTH KOREA in Swiss franc



MSCI SOUTH KOREA in CHF relative to MSCI Switzerland



MSCI TAIWAN in Taiwanese dollar



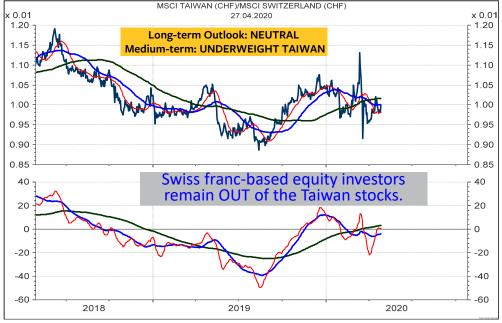
MSCI TAIWAN relative to the MSCI AC World



MSCI TAIWAN in Swiss franc

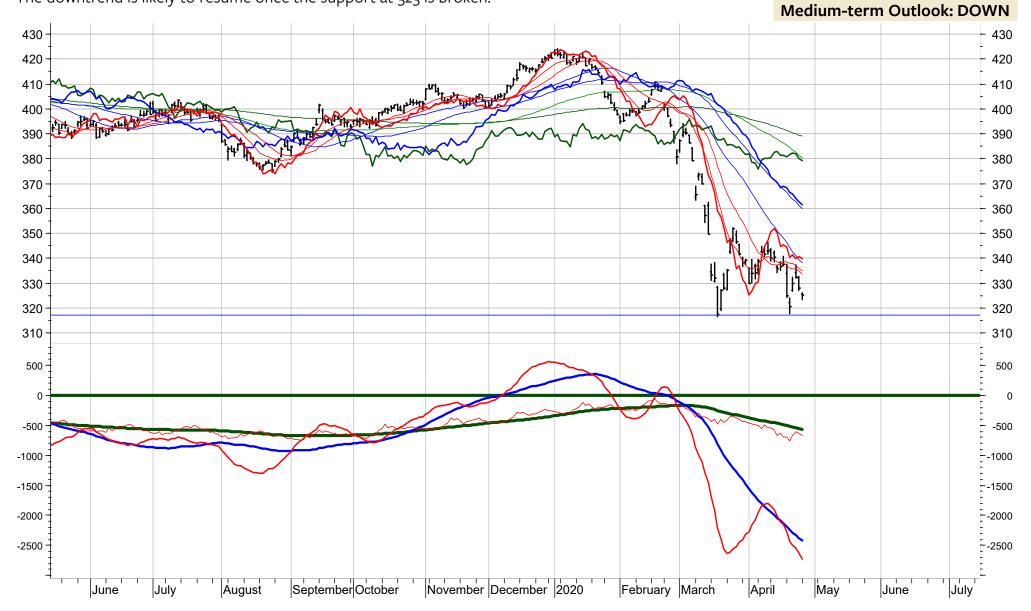


MSCI TAIWAN in CHF relative to MSCI Switzerland



Thomson Reuters Equally Weighted Commodity Index – daily chart

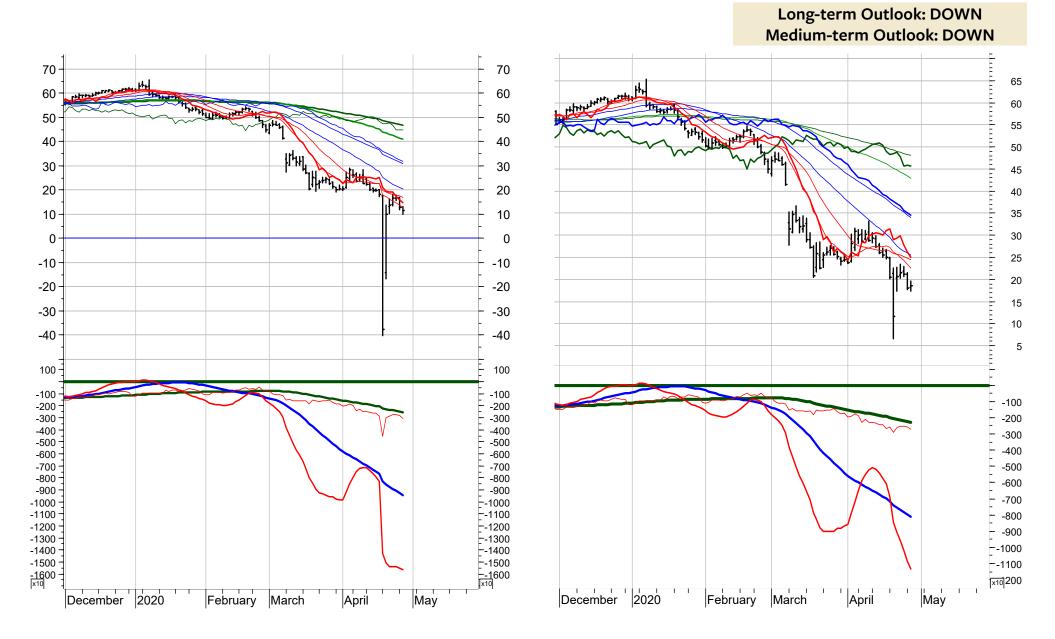
The Thomson Reuters Equally Weighted Commodity Index is forming a horizontal triangle. The Index remains below all 3 short-term, 3 medium-term and 3 long-term indicators. The downtrend is likely to resume once the support at 323 is broken.



Long-term Outlook: DOWN

Light Crude Oil June 2020 Future (left) and July 2020 Future (right)

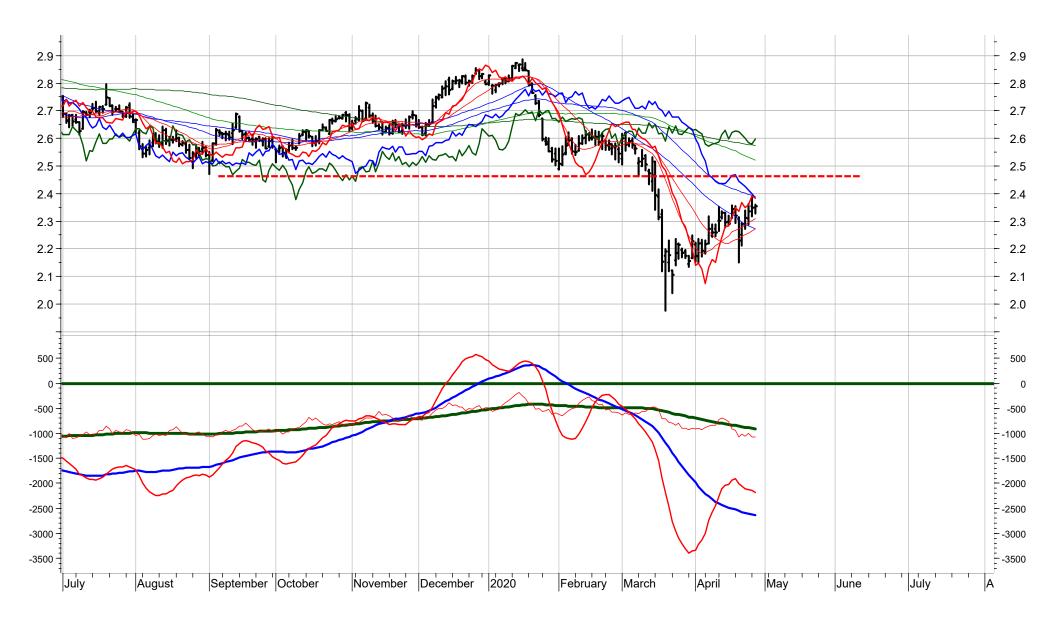
Crude Oil remains in the deflationary downtrend, still positioned below all 9 technical indicators.



HG Copper Continuous Future (May 2020) – daily chart

HG Copper could rally to the resistance (former support) at 2.45. The long-term resistance range is between 2.45 and 2.60.

Long-term Outlook: DOWN Medium-term Outlook: FLAT

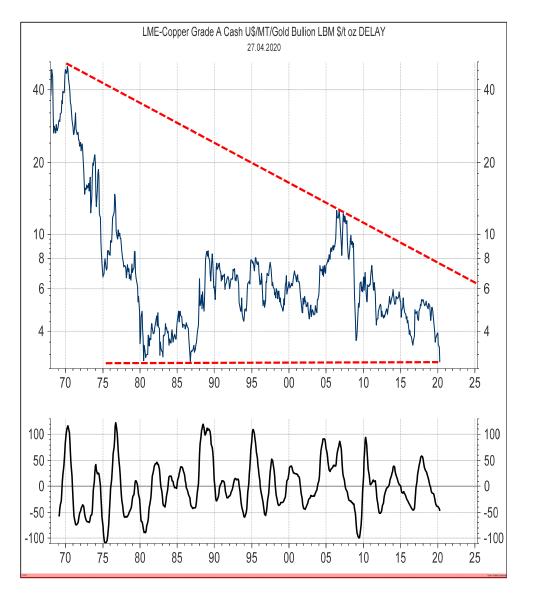


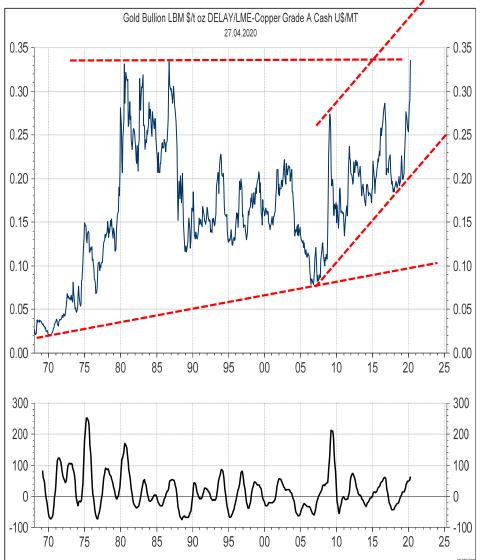
HG Copper relative to Gold (left)

Gold relative to HG Copper (right)

The relative performance of Copper to Gold has reached a most critical juncture.

Copper relative to Gold (left) is testing the lows from 1980 and 1986. Gold relative to Copper (right) is testing the relative highs from 1980 and 1986. A break of the relative highs and continued outperformance of Gold relative to Copper would signal a secular breakout. Such a relative outperformance of Gold would imply that the financial markets will stay on the risk-off mode for a long time.





Global-GOLD Model – Gold measured in 37 different currencies

My Global Gold Model is still POSITIVE. On the scale from 0% (maximum bearish) to 100% (maximum bullish) the Total Score declined from 94% to 92%. The decline comes entirely from the short-term model, which shows a downturn of the short-term momentum indicators.

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The Short-term Model Is still POSITIVE but it fell from 68% to 64%.

The Medium-term Model is POSITIVE. It remains unchanged at 97% (last week 100%).

The Long-term Model is POSITIVE. It remains unchanged at 99%.

AL.	GOLD IN	TOTAL
RE	38 CURRENCIES	SCORE
6	GOLD in Brazilian real	UP
6	GOLD in Colombian peso	UP
6	GOLD in Mexican peso	UP
6	GOLD in Norvegian krone	UP
6	GOLD in Russian ruble	UP
	GOLD in Argentinian peso	UP
	GOLD in British pound	UP
	GOLD in Bulgarian levi	UP
	GOLD in Canadian dollar	UP
	GOLD in Chilean peso	UP
	GOLD in Chinese renminbi	UP
	GOLD in Coroatian kuna	UP
	GOLD in Czech koruna	UP
	GOLD in Danish krone	UP
	GOLD in Euro	UP
	GOLD in Hong Kong dollar	UP
	GOLD in Hungarian forint	UP
	GOLD in Indian rupee	UP
	GOLD in Malaysian ringgit	UP
	GOLD in Philippines peso	UP
	GOLD in Polish zloti	UP
	GOLD in Romanian leu	UP
	GOLD in Singapore dollar	UP
	GOLD in Sout African rand	UP
	GOLD in South korean won	UP
	GOLD in Swedish krona	UP
	GOLD in Swiss franc	UP
	GOLD in Taiwanese dollar	UP
	GOLD in Thai baht	UP
	GOLD in Turkish lira	UP
	GOLD in US dollar	UP
	GOLD in New Zealand dollar	UP
	GOLD in Indonesian rupiah	UP
	GOLD in Peruvian sol	UP
	GOLD in Japanese yen	UP
	GOLD in Pakistan rupee	UP
	GOLD in Australian dollar	UP
%		

SHORT-TERM **INDICATORS**

2-6 WEEKS OUTLOOK

SHORT-TERM

13D AVG 21D AVG

92%

8%

100%

0% max bearish, 100% max bullish.)

86%

14%

100%

ST

63.96%

+

+

UP

DOWN

FLAT

SCORE ST MOM

14%

86%

100%

MEDIUM-TERM INDICATORS 3-6 MONTHS OUTLOOK

мт мом

92%

8%

100%

ΜТ

SCORE

97.30%

+

+

MEDIUM-TERM

34D AVG 55D

100%

0%

100%

0% max bearish, 100% max

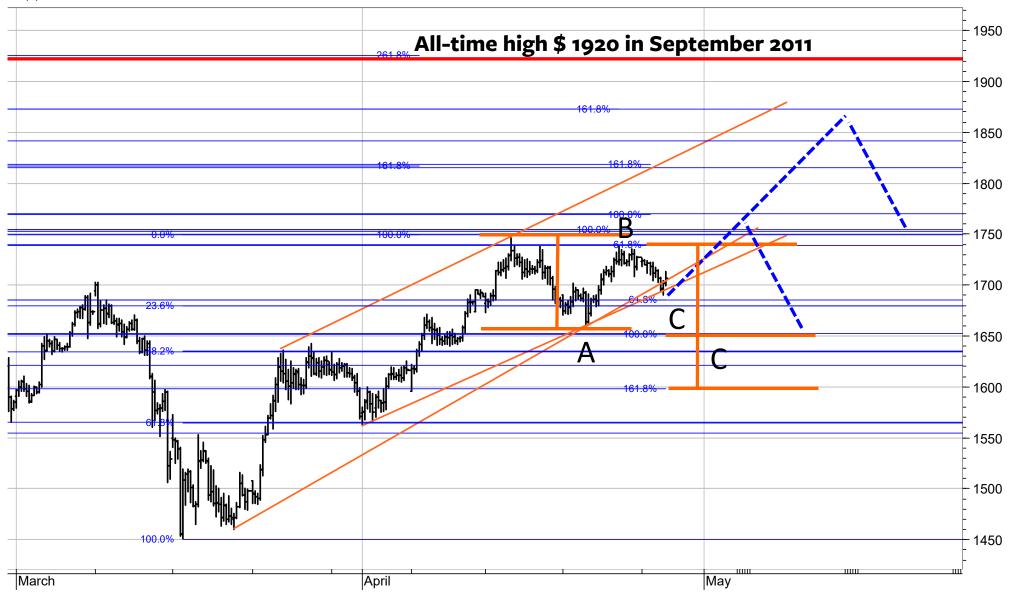
LONG-TERM **INDICATORS**

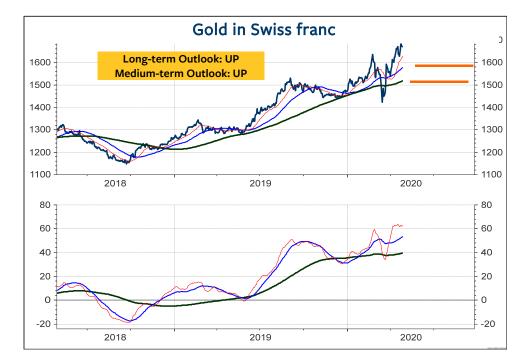
12-24 MONTHS OUTLOOK

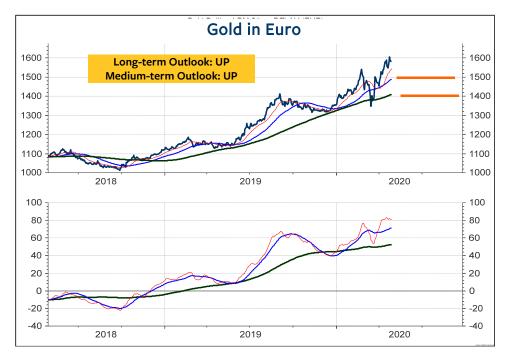
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37 37 37 37 100% + 97% 100% 100% 0% - 3% 0% 0%	37	+	36	37	37
100% + 97% 100% 100% 0% - 3% 0% 0%	0	-	1	0	0
0% - 3% 0% 0%	37		37	37	37
	100%	+	97%	100%	100%
100% 100% 100% 100%	0%		3%	0%	0%
	100%		100%	100%	100%

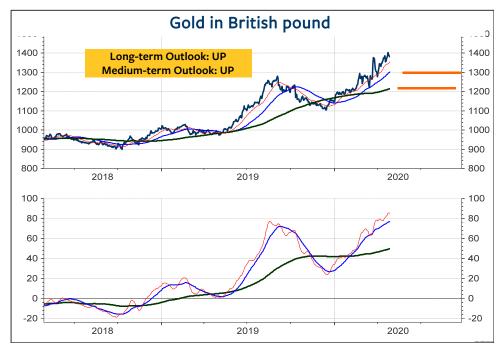
Gold per Ounce in US dollar – 240-minute chart

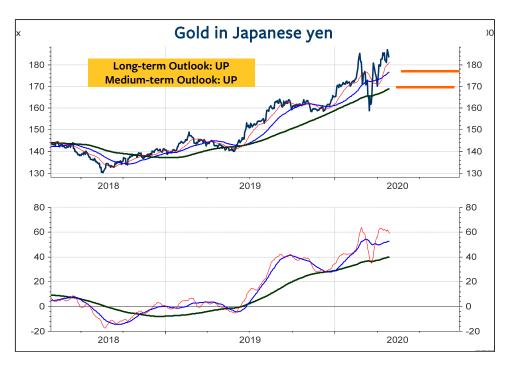
Gold broke the support at 1670 only shortly. It tested the lower support at 1650. Based on the chart pattern from 14th April it seems that the uptrend is not over yet. One more Gold rally seems likely. Resistance to buy is at 1770, 1815, 1845, 1875 and the all-time high at 1920. Support to sell is at 1670, 1650, 1610 and 1550.











US 10-year Treasury Note Yield – daily chart

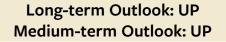
The resistance levels are at 0.95%, 1.18% and 1.53%. The support levels are at 0.55%, 0.51%, 0.43% and 0.32%.

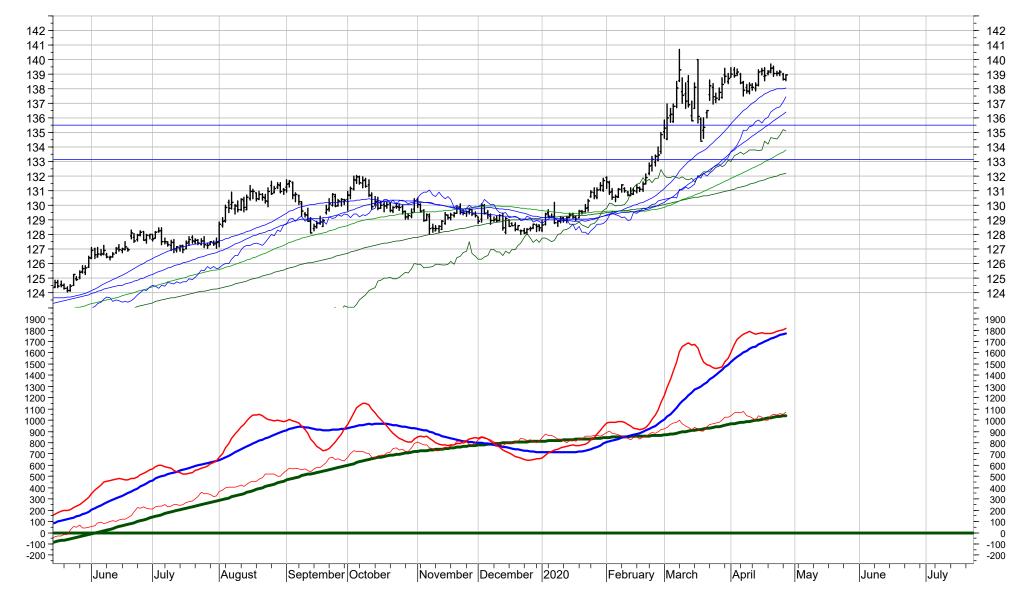
Long-term Outlook: DOWN Medium-term Outlook: DOWN



US 10-year Treasury Note continuous (June 2020) Future – daily chart

The major uptrend in the T-Note Future would reverse down only if the supports at 135.50 and 133 are broken.





Global-US DOLLAR Model – US DOLLAR measured in 35 currencies

My Global US Dollar Model remains POSITIVE. On the scale from 0% (maximum bearish) to 100% (maximum bullish) the Total Score is at 74%.

The Short-term Model is POSITIVE with the reading of 68%.

The Medium-term Model is POSITIVE with the reading at 69%.

The Long-term Model Is POSITIVE at 85%.

Despite the massive US dollar printing the greenback is holding up reasonably well. Probably, it means that the global deflationary pressure and the respective US dollar refunding is holding the US dollar on high demand. Ultimately, when the Deflations slows, the US dollar could re-enter the downtrend.

TOTAL		US DOLLAR	TOTAL
SCORE		IN 35 CURRENCIES	SCORE
100%		USD / BRAZILIAN REAL	UP
100%		USD / BULGARIAN LEVI	UP
100%		USD / CHILEAN PESO	UP
100%		USD / CHINESE YUAN	UP
100%		USD / COLUMBIAN PESO	UP
100%		USD / CZECH KORUNA	UP
100%		USD / EURO	UP
100%		USD / HUNGARY FORINT	UP
100%		USD / MEXICAN PESO	UP
100%		USD / NORWEGIAN KRONE	UP
100%		USD / POLISH ZLOTY	UP
100%		USD / ROMANIAN LEU	UP
100%		USD / SOUTH AFRICAN RAND	UP
100%		USD / SWEDISH KRONA	UP
94%		USD / TURKISH LIRA	UP
89%		USD / ARGENTINIAN PESO	UP
89%		USD / INDIAN RUPEE	UP
89%		USD / SWISS FRANC	UP
83%		USD / DANISH KRONE	UP
83%		USD / SOUTH KOREAN WON	UP
78%		USD / CANADIAN DOLLAR	UP
78%		USD / RUSSIAN ROUBLE	UP
72%		USD / INDONESIAN RUPIAH	UP
61%		USD / BRITISH POUND	UP
<u>56%</u>	D	USD / N. ZEALAND DOLLAR	FLAT
<u>56%</u>	D	USD / SINGAPORE DOLLAR	FLAT
<u>50%</u>	D	USD / CROATIAN KUNA	FLAT
50%		USD / THAI BAHT	FLAT
39%		USD / AUSTRALIAN DOLLAR	DOWN
33%		USD / PERUVIAN SOL	DOWN
22%		USD / TAIWANESE DOLLAR	DOWN
17%		USD / HONG KONG DOLLAR	DOWN
17%		USD / MALAYSIAN RINGGIT	DOWN
17%		USD / PHILIPPINE PESO	DOWN
11%		USD / JAPANESE YEN	DOWN
73.81%			
		UP	24

INDICATORS				
2-6	WEEK	S	OUTLO	ООК
ST	SHORT-TERM			
SCORE	ST MOM		13D AVG	21D AVG
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
3	1		1	1
2	0		1	1
3	1		1	1
1	0		0	1
3	1		1	1
3	1		1	1
3	1		1	1
2	1		1	0
2	1		1	0
1	1		0	0
2	1		1	0
1	1		0	0

0

0 0

0

0

0

0

23

12

35

66%

34%

100%

0

0

2

0 0

1

0

67.62%

7

4

35

DOWN

FLA1

0

1

1

0

0

28

7

35

80%

20%

100%

0

0

0

0

0

0

0

0

20

15

35 **57%**

43%

100%

3-6 N	3-6 MONTHS OUTLOOK		
MT	MEDIUM-TERM		
SCORE	мт мом	34D AVG	55D AVG
SCORE		040 410	UDD AVO
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
2	0	1	1
2	1	0	1
2	1	0	1
2	1	0	1
2	1	0	1
1 1	0	0	1
1	0	0	
1	0	0	1
1	0	0	1
0	0	0	0
0	0	0	0
1	1	0	0
1	1	0	0
1	1	0	0
0	0	0	0
0 0	0	0	0
68.57%			
00.01 /0	25	19	28
	10	19	7
	35	35	35
	71%	55 54%	80%
	29%	54% 46%	20%
	100%	100%	100%
ļ	10070	10070	10070

MEDIUM-TERM

INDICATORS

LONG-TERM INDICATORS

12-24 MONTHS OUTLOOK

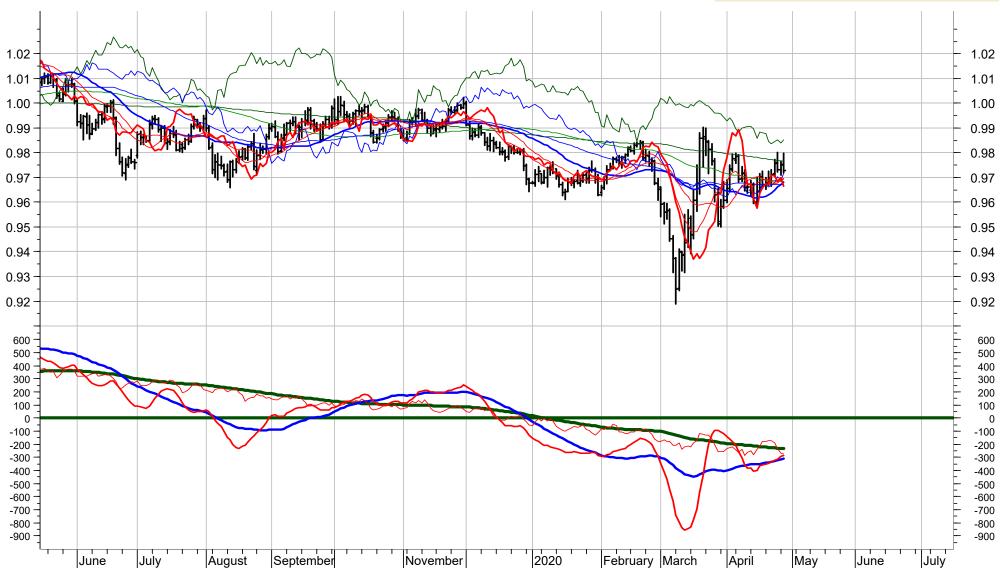
LT LONG-TERM			
SCORE	LT MOM	89D AVG	144D AV(
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3 2	1	1	1
23	1	1	1
2	1	1	0
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
3	1	1	1
2	1	0	1
0	0	0	0
0	0	0	0
0	0	0	0
1	1	0	0
1	1	0	0
84.76%			
	31	29	29
	4	6	6
	35	35	35
	89%	83%	83%
	11%	17%	17%
	100%	100%	100%

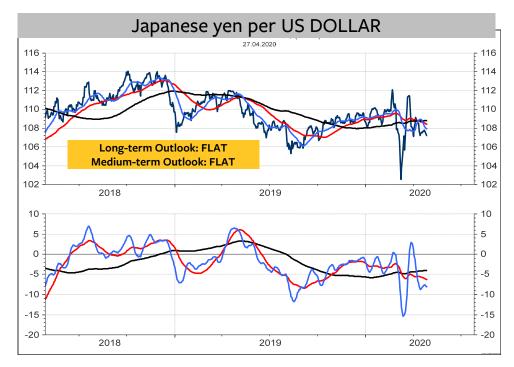
SHORT-TERM INDICATORS

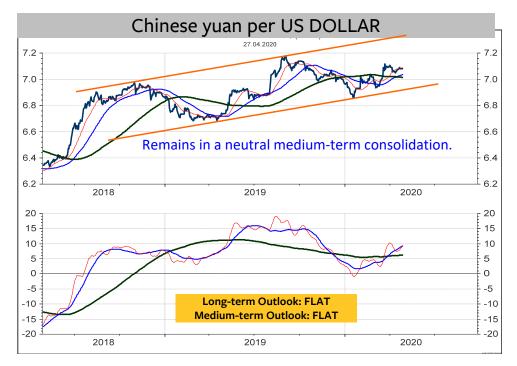
Swiss franc per US DOLLAR – daily chart

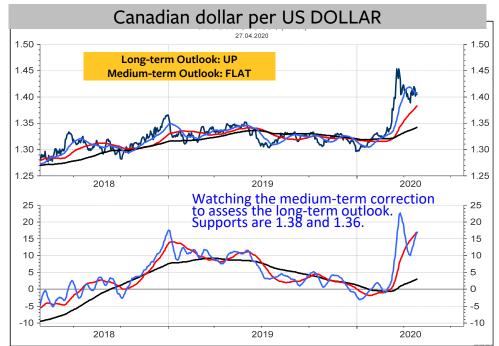
The US dollar is forming a triangle. Supports are at 0.9540 and 0.9380. Resistance is at 0.9950 and 1.02.

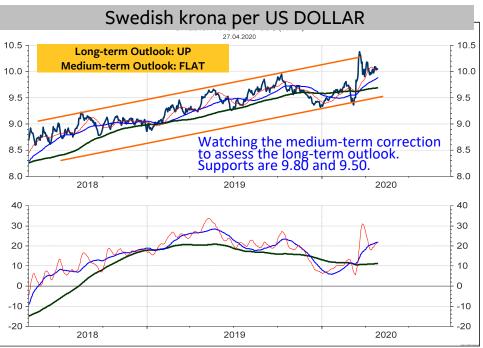


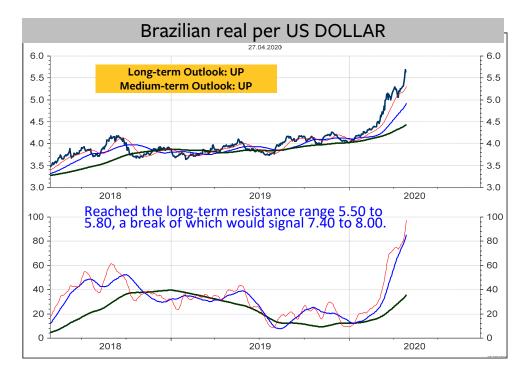


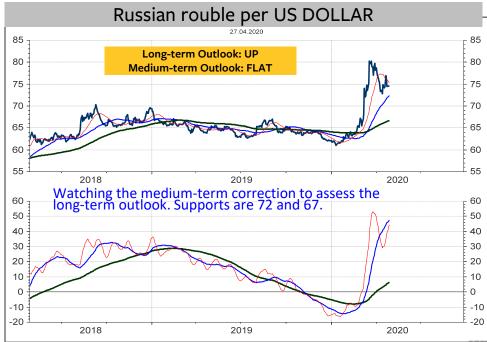


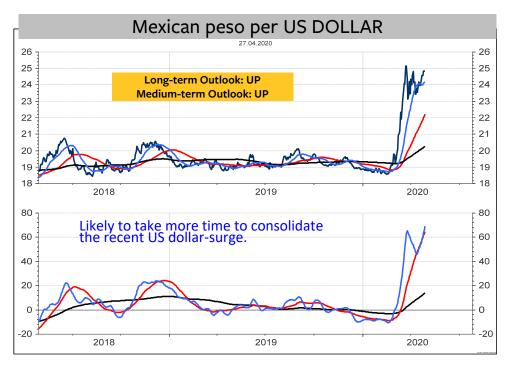


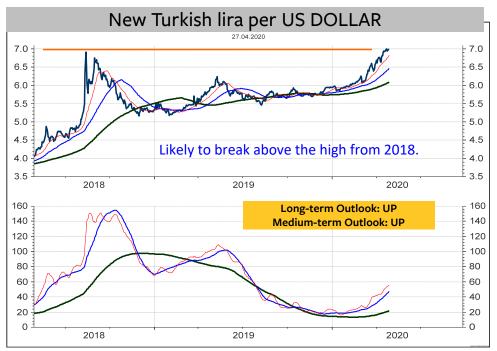


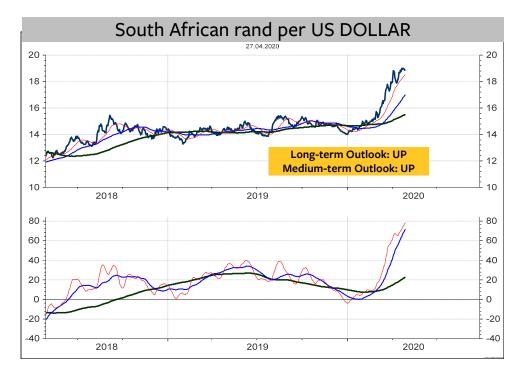


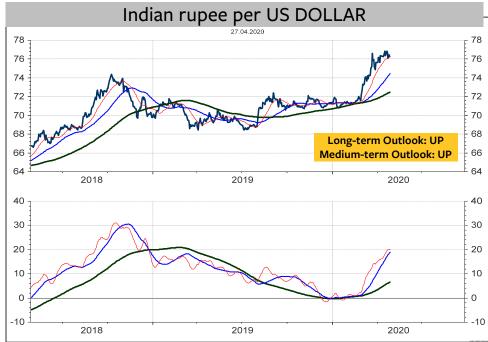


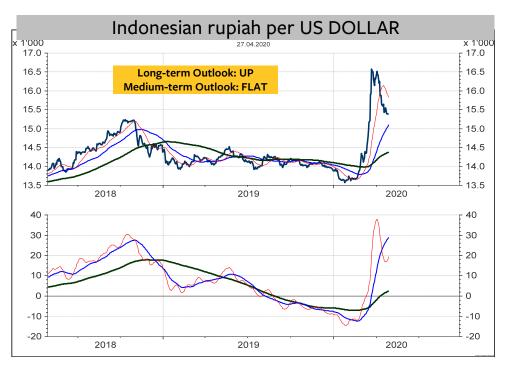


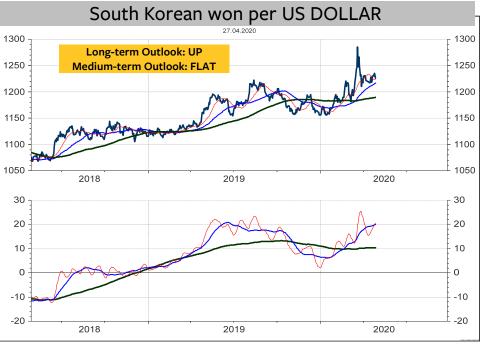


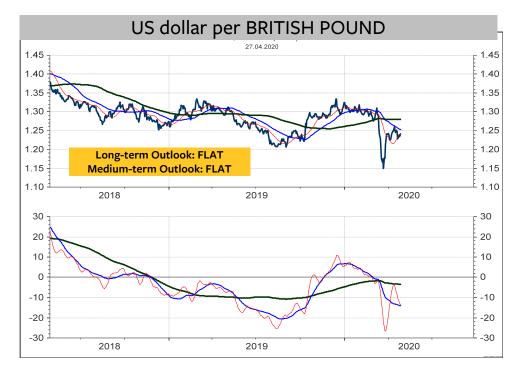


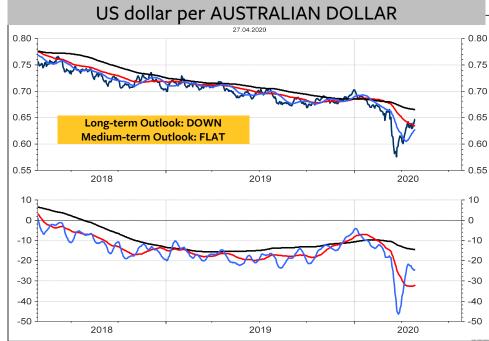


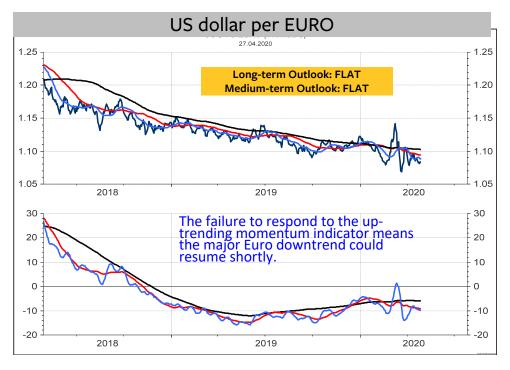


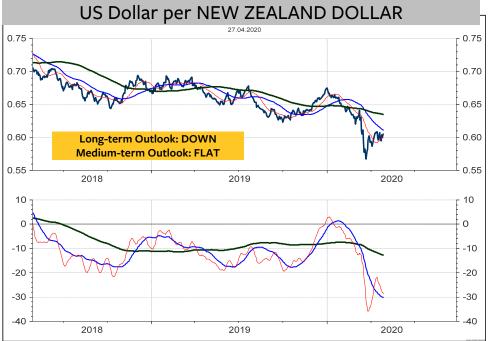


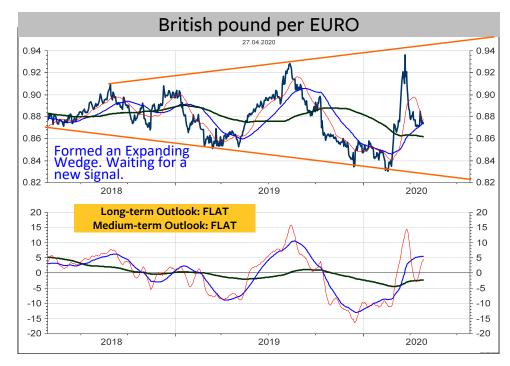


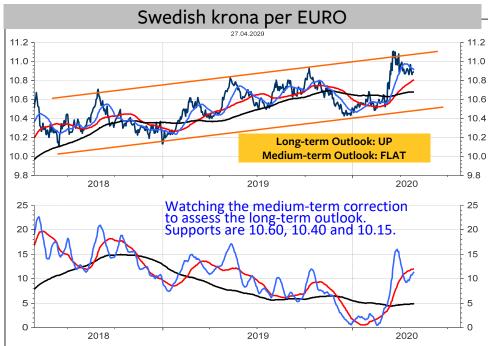


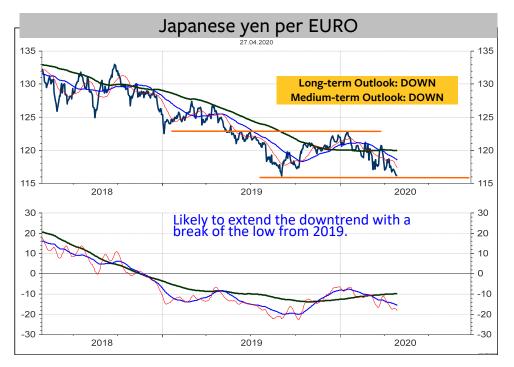














Swiss franc per EURO – daily chart

Finally, some Euro strength is developing. The Medium-term Outlook could move to UP if 1.0680 and 1.0740 is broken.

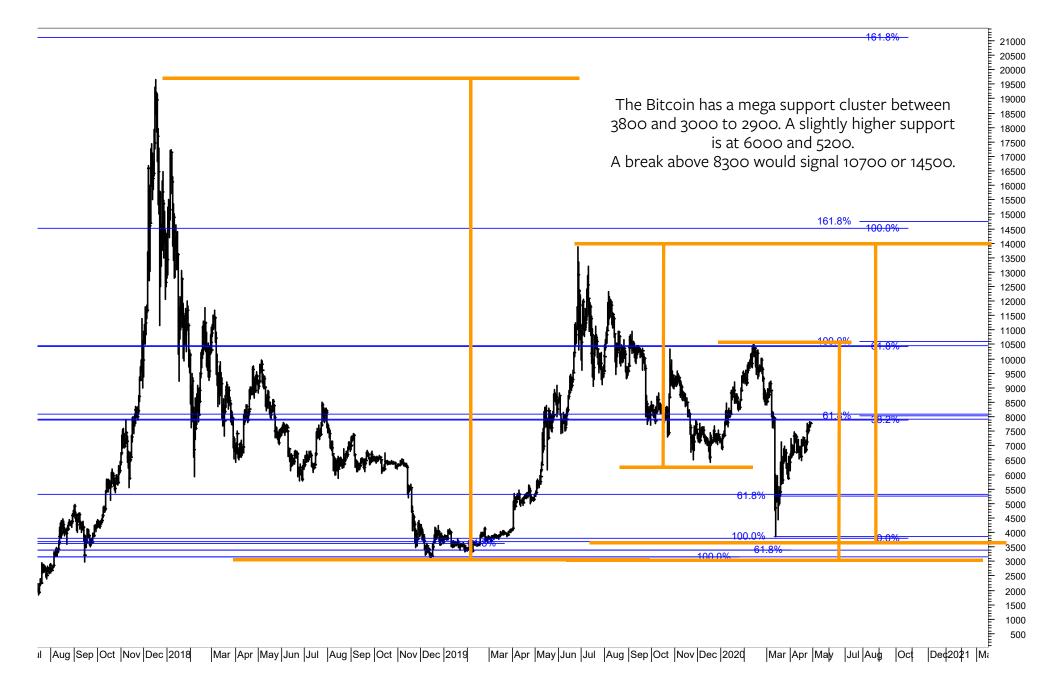
The Long-term Outlook would move to UP if 1.08 is broken.

A break of 1.05 would signal a re-acceleration of the long-term Euro downtrend.

Long-term Outlook: DOWN Medium-term Outlook: DOWN



Bitcoin / US dollar – daily chart – Buy >8300 and 10700. Sell < 6000, 5200 and 2900.



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Sources

The charts in this publication are from Metastock and Datastream from Thomson Reuters Equis. All indicators and analyses are by Rolf Bertschi.

Explanations

For a more detailed explanation of the Trend and Momentum Models applied in this Chart Outlook, please see www.chartoutlook.com www.chartoutlook.com

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