

The Allocation Dashboard May 15, 2020

Let the models speak!

CAP | COPENHAGEN ALLOCATION PARTNER

Summary: Our Asset Allocation

Hopes, fears, and guessing...Time to the let models speak.

Our dynamic asset allocation models inform our investment decisions. The models assign a score to each asset class ranging from -2 to 2. Highlights:

- We maintain an overall defensive positioning in risk assets. Our top-down climate indicator remains expressly negative.
- In our *Hedge Portfolio*, we overweight short-dated *EZ Gvt. Bonds* and hold *IG Bonds* as an underweight.
- We have reduced our exposure to short-dated USD Gvt. Bonds.
- In our Risk Portfolio, we stay underweight in European, EM and JPY equities while holding High Risk Credits and US Equities in neutral positions.
- Our Cross-Asset Portfolio Model is implemented in our CAP-M fund. For an in-depth outline of the fund and its methodology: https://c-a-p.dk/our-fund/



Summary: Our Asset Allocation

- Our balanced fund (CAP-M, always holds some strategic
 - exposure to Risk Assets like Equities and Credit Bonds.
- The dynamic part of our investments works on a much shorter time horizon of 3-6 mths. For that part, we currently underweight our Rísk Portfolio and overweight our Hedge Portfolio and cash.

Cross Asset Portfolio Model (CAP-M) (*)

Cash

Hedge Portfolio

Eurozone Core Gvt. bonds

US/German 10Y+ Gvt. bonds

Short USD Gvt. bonds

Eurozone IG Corporate bonds

Risk -Off Portfolio

Risk Portfolio

High Yield Bonds

EM Debt

Core Equities (EUR based)

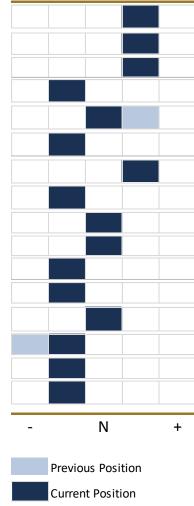
European Equities - Large cap

US Equities - Large cap

EM Equities

JP Equities

Risk-on Portfolio





(*) (-) Underweight positions: <-25%, <-10%

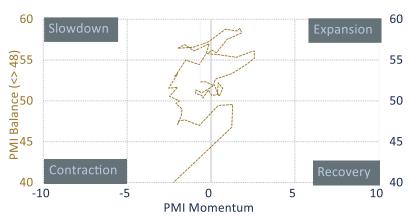
(+) Overweight positions: >+10%, >+25%

(N) Neutral position : > -5%, < +5%



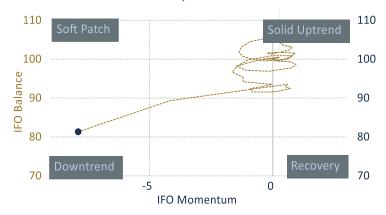
CAP Aggregate Macro Filter - Components





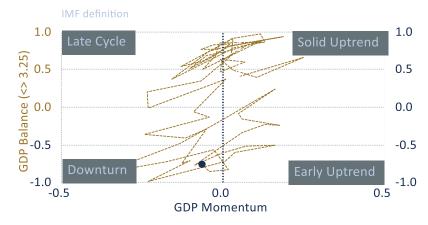
Filter scores: Recovery (2), Expansion(1), Slowdown (0), Contraction (-2)

Macro Filter: IFO cycle



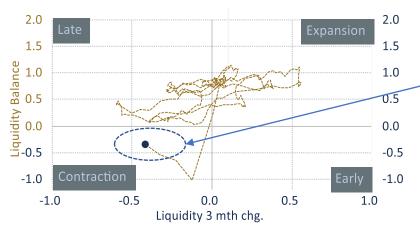
Filter scores: Recovery (2), Solid Uptrend (1), Soft Patch (0,5), Downturn (-1)

Macro Filter: Global GDP growth



Filter scores: Early Uptrend (2), Solid Uptrend (1), Late Cycle (0.5), Downturn (-2)

Macro Filter: Liquidity cycle

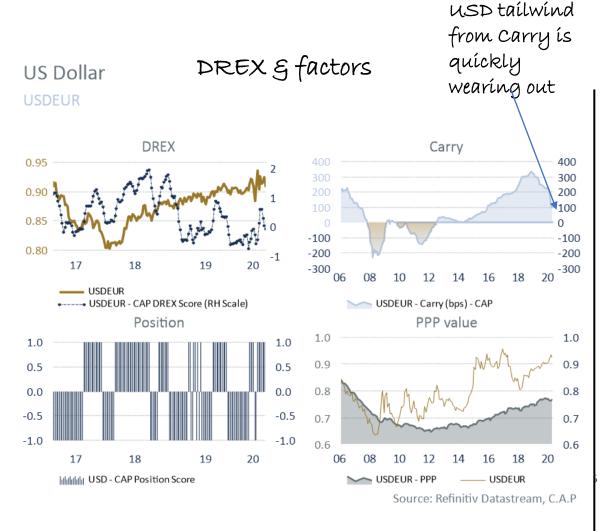


Filter scores: Early (0), Expansion(2), Late (1), Contraction(-2)

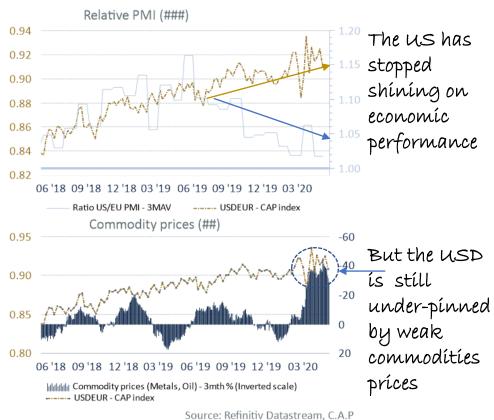
A candidate for 'first mover' towards a positive climate for risk taking. But we're not there yet!



US-dollar: losing its attractiveness



Short-term macro





US Equities

Asset Class Details

| | 11-May | -1m | -3m | -1y | ytd |
|--------------------|--------|-------|-------------|----------|--------|
| Performance | | C | ha nge in ' | %/level | S |
| Total return | 5803 | 14.3% | -13.4% | -1.5% | -11.5% |
| Trend EPS Growth | -7.2% | -1.3% | 1.4% | 5.2% | 1.5% |
| Fwd EPS rev 3 mth | -18.5% | -8.1% | 0.4% | 1.7% | -0.6% |
| Valuation to Trend | 95.8 | 94.7 | 109.2 | 92.6 | 92.2 |
| DREX Score (*) | | | Change ii | n points | |
| Macro | -1.5 | -0.8 | -2.4 | -2.3 | -2.6 |
| Valuation | 0.0 | -1.0 | 0.0 | 0.0 | 0.0 |
| Earnings | -1.5 | 0.5 | -3.5 | -3.5 | -3.5 |
| Position | 0.0 | 1.0 | -1.0 | -1.0 | -2.0 |
| Total | (-1.0) | 0.4 | -2.3 | -2.3 | -2.7 |

(*) Dynamic Return EX pectations Index.

Scale: -2 to +2

European Equities

Asset Class Details

| | 11-May | -1m | -3m | -1Y | ytd | | | |
|--------------------|--------|-------|-----------|-------------------------------------|--------|--|--|--|
| Performance | | | Change in | %/level | s | | | |
| Total return | 222 | 8.9% | -17.4% | 0.0% | -19.2% | | | |
| Trend EPS Growth | -14.1% | -3.1% | -0.9% | 5.6% | -1.5% | | | |
| Fwd EPS rev 3 mth | -18.9% | -3.2% | 0.0% | 0.9% | -0.7% | | | |
| Valuation to Trend | 85.3 | 80.9 | 84.7 | 83.6 | 83.5 | | | |
| DREX Score (*) | | | Change | 83.6 83.5 in points -2.8 -2.8 | | | | |
| Macro | -2.0 | -2.0 | -2.2 | -2.8 | -2.8 | | | |
| Valuation | 0.0 | -1.0 | 0.0 | 0.0 | 0.0 | | | |
| Earnings | -2.0 | 0.0 | -2.0 | -1.0 | 0.0 | | | |
| Position | 0.0 | 0.0 | 1.0 | 0.0 | -2.0 | | | |
| Total | (-1.8) | -0.4 | -2.4 | -2.4 | -2.3 | | | |

(*) Dynamic Return EXpectations Input.

Scale: -2 to +2

Emerging Equities

Asset Class Details

| | 12-May | -1m | -3m | -1y | ytd |
|--------------------|--------|--------|------------|----------|--------|
| Performance | | С | hange in 9 | %/levels | |
| Total return | 2127 | 10.4% | -15.6% | -12.7% | -17.6% |
| Trend EPS Growth | -15.0% | -11.2% | -6.5% | -7.0% | -9.6% |
| Fwd EPS rev 3 mth | -17.0% | -10.6% | 1.5% | -2.2% | 2.0% |
| Valuation to Trend | 94.2 | 91.2 | 98.9 | 92.7 | 92.7 |
| DREX Score (*) | | | Change ir | points | |
| Macro | -1.6 | 0.0 | -2.9 | -2.2 | -3.2 |
| Valuation | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Earnings | -1.5 | 0.0 | -3.0 | -2.0 | -2.0 |
| Position | 0.0 | 0.0 | 0.0 | 0.0 | -1.0 |
| Total | (-1.6 | 0.0 | -2.9 | -2.2 | -3.2 |

(*) Dynamic Return EXpectations Input.

Scale: -2 to +2

The US equity market is still our favorite on a <u>relative</u> basis



Global High Yield

Asset Class Details

| | 11-May | -1m | -3m | -1y | ytd |
|---------------|---------------|------|-----------|----------|-------|
| Performance | | Cha | nge in %/ | basis po | ints |
| Total return | 1146 | 3.1% | -10.0% | -4.5% | -9.3% |
| Rate Avg. | 8.28 | -126 | 308 | 238 | 319 |
| Carry | 795 | -69 | 385 | 373 | 410 |
| Spread(bps) | 8.35 | -57 | 416 | 392 | 424 |
| DREX Score (* | | | | | |
| Macro | -1.7 | -0.4 | -2.3 | -3.2 | -3.1 |
| Valuation | 1.0 | 0.0 | 2.0 | 2.0 | 2.0 |
| Carry-Roll | 1.0 | -1.0 | 3.0 | 3.0 | 3.0 |
| Position | -2 <u>.</u> 0 | -1.0 | -4.0 | -4.0 | -3.0 |
| Total | -1.0 | -0.7 | -1.3 | -1.7 | -1.3 |

^(*) Dynamic Return EXpectations Input

Emerging Debt (Hard ccy)

Asset Class Details

| | 11-May | -1m | -3m | -1y | ytd |
|----------------|--------|------|------------|-----------|-------|
| Performance | | Chai | nge in % / | basis p | oints |
| Total return | 412.5 | 1.4% | -7.4% | 1.0% | -5.5% |
| Rate Avg. | 5.64 | -76 | 199 | 105 | 176 |
| Carry | 531.3 | -19 | 276 | 241 | 267 |
| Spread(bps) | 2.64 | -50 | 109 | 133 | 143 |
| DREX Score (*) |) | | Change i | n po ints | ; |
| Macro | 0.1 | 0.5 | -0.3 | 0.1 | 0.1 |
| Valuation | 1.0 | 0.0 | 1.0 | 1.0 | 1.0 |
| Carry-Roll | 1.0 | 0.0 | 3.0 | 2.0 | 3.0 |
| Position | -2.0 | -1.0 | -3.0 | -4.0 | -2.0 |
| Total | 0.1 | 0.0 | 0.1 | -0.2 | 0.6 |

(*) Dynamic Return Expectations Input

Our Credit exposure is still validated by better scores than Equities in general

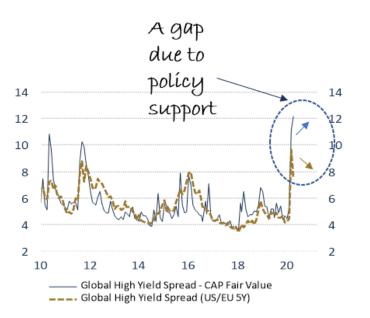


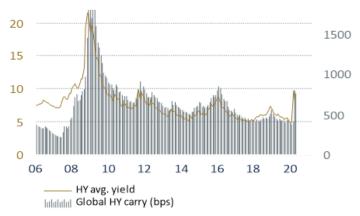


Global High Yield (USD/EUR)









Source: Refinitiv Datastream, C.A.P

Now, Default rate expectations are the highest since GFC

The CAP-M Investment Universe



| Hedge Asset Performance | | | | | | |
|------------------------------------|-------|-------------------|---------|-------|-------|--|
| | | Performance (EUR) | | | | |
| -: | 1w % | - 1m | % - 3m% | YTD % | -12m% | |
| Hedge Assets | | | | | | |
| Eurozone Core Gov Bonds | 1. | 5% | 1.6% | 3.6% | 4.9% | |
| BUND-Future (ETF) | 1. | 3% | 1.4% | 3.1% | 4.2% | |
| IG Corporate Bonds (EUR base) | 0. | 6% | 3.5% | -3.7% | -1.3% | |
| IG Corporate Bonds - ESG (ETF) | -1 | .0% | 4.6% | -3.6% | -1.3% | |
| IG Corporate Bonds - BBB (ETF) | 0. | 5% | 9.9% | -4.5% | -0.5% | |
| Long Bond Risk | 4. | 2% | 2.2% | 25.0% | 37.1% | |
| Long Bond Risk - US | 4. | 1% | 2.4% | 37.2% | 54.1% | |
| Long Bond Risk - EU | 4. | 3% | 1.9% | 12.7% | 20.0% | |
| Short USD bonds | 1. | 6% | -0.1% | 7.0% | 9.2% | |
| US Treasury 1-3Y (ETF) | 1. | 5% | 0.1% | 6.8% | 9.0% | |
| USD per EUR (contribution from:) | 1. | 4% | -0.5% | 3.8% | 3.7% | |
| US Long High Quality Bonds | 2. | 4% | 1.8% | 16.4% | 22.5% | |
| US Treasury 7-10Y (ETF) | 2. | 3% | 1.9% | 15.3% | 21.0% | |
| Japanese High Quality Bonds | 1. | 7% | 3.5% | 5.4% | 5.9% | |
| Japanese Short Gov. Bond (ETF) | 1. | 7% | 3.4% | 5.3% | 6.4% | |
| JPY per EUR (contribution from:) | 1. | 6% | 3.5% | 5.4% | 6.1% | |
| Swiss High Quality Bonds | 0. | 8% | 0.8% | 3.5% | 6.9% | |
| Swiss Franc AAA-BBB 5-10 Bonds (ET | F) 2. | 0% | 5.9% | 1.1% | 5.8% | |
| CHF per EUR (contribution from:) | 0. | 3% | 0.6% | 3.5% | 7.6% | |
| Gold (EUR) | 1. | 4% | 11.5% | 18.1% | 38.3% | |
| Physical Swiss Gold (ETF) | 1. | 3% | 11.5% | 18.5% | 38.5% | |

| Risk Asset Performance | | | | | |
|------------------------|--------|-------|--------|-------|-------|
| | | Perfo | rmance | (EUR) | |
| | - 1w % | - 1m% | - 3m% | YTD % | -12m% |

| | 211 | 311170 | 115 70 | |
|-----------------------------------|-------|--------|--------|--------|
| Risk Assets | | | | |
| High Yield Bonds | 7.0% | 6.6% | -6.6% | -0.9% |
| US High Yield (ETF) | 0.9% | 11.4% | 4.2% | 13.1% |
| EU High Yield (ETF) | -3.3% | 14.0% | -11.2% | -6.7% |
| Emerging Debt | 4.9% | 5.8% | -3.2% | 3.9% |
| EMD Corporate Hard currency (ETF) | 5.1% | 8.0% | -0.6% | 6.4% |
| Core Equities (EUR based) | 2.3% | 17.2% | -13.5% | -4.5% |
| Global Equities | 1.3% | 24.8% | -11.1% | 1.2% |
| US Equities - Large Cap | 1.8% | 27.2% | -7.7% | 6.5% |
| US Large Cap - ESG (ETF) | 1.7% | 26.9% | -6.9% | 8.9% |
| European Equities - Large cap | -1.8% | 16.9% | -20.7% | -11.4% |
| EU Large Cap - ESG (ETF) | -1.0% | 17.2% | -20.4% | -10.0% |
| Emerging Markets Equities | 2.1% | 18.6% | -15.6% | -5.1% |
| EM Equities - ESG (ETF) | 1.4% | 18.8% | -14.8% | -4.2% |
| Japanese Equities - Large Cap | 2.5% | 17.3% | -10.3% | 2.7% |
| Japanese Equities (ETF) | 2.7% | 14.9% | -9.8% | 1.5% |
| US Equities Growth | 6.5% | 29.6% | 9.3% | 30.4% |
| Nasdaq100 (ETF) | 4.4% | 29.7% | 1.9% | 18.3% |
| US Equities Small Cap | 1.6% | 23.1% | -22.6% | -15.6% |
| Russell2000 (ETF) | 0.2% | 21.9% | -24.5% | -17.4% |
| European Small Cap | 2.8% | 22.1% | -18.8% | -9.5% |
| MDAX (ETF) | 3.5% | 22.4% | -18.8% | -9.7% |
| CAP-M Equity Bear | 2.6% | -34.6% | 30.6% | -6.6% |

Updated at close, May 14, 2020



