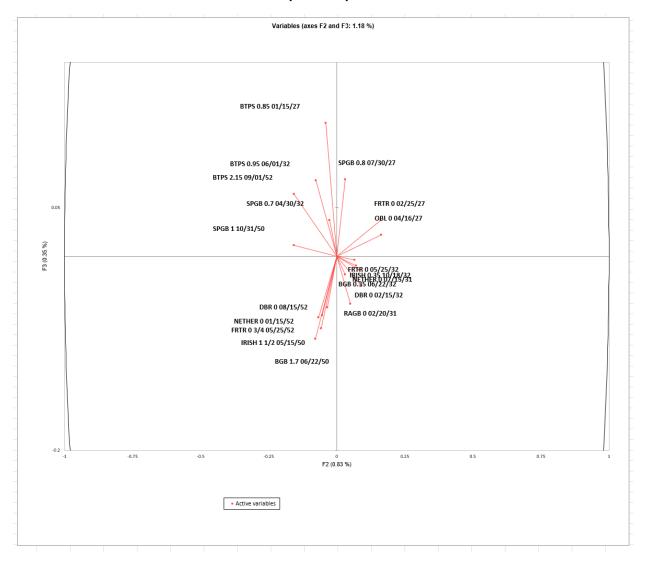
Trades and Fades The Future(s) ain't what it used to be

James Rice, Astor Ridge
June 6th 30th

Trading Strategies
& Modelling

Sensitivity of EGB Bond Yields to Principal components Factor 1 (Delta) removed



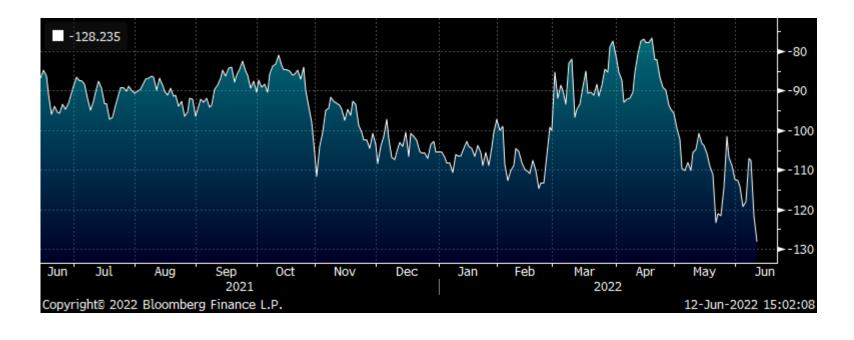
Factor 2 ~ Curve, Factor 3 ~ Credit

Week Ahead:

- Germany: 2y Bko Jun24 Tuesday
- Italy: 3y 7y 30y and Old 30y Tuesday
- Nether: Green 20y tap Tuesday
- Spain: jan27, jul30, Jul37 Thursday
- France: 2y, 5y, nov28, may29 Thursday
- Finland: Bonds, Wednesday TBA: https://www.treasuryfinland.fi/auctions/#serial-bond-auctions

Italy cheap on Swap Spread vs market Delta

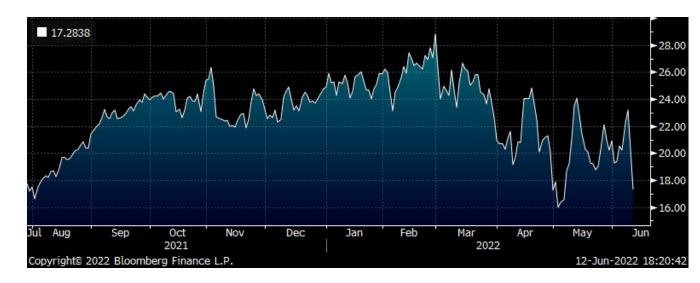
- Market neutral Swap Spread for 10y Italy
- CMB 10y Italy regressed vs Swaps
- 100*((rv0005p 10y blc Curncy-1.25*eeswe10 Curncy))



The end of QE, the advent of higher rates and forthcoming supply have pushed Italy to it's cheapest. Represented here by a market level adjusted Invoice Spread (25% delta)

Fade: Buy Italy in Short End: Long BTSU2 / Short Btps Aug26 regression hedged

- Italy hit harder than most in the short end
- Carry up to good levels to steepen
- Buy BTSU2 Sell Btps Feb26 plus extra delta
- 3yr supply on Tuesday
 (Aug25), then 5y end of month
 — we still see the 5y has room
 to cheapen. Btps Aug26 is
 recent issue with poor roll



PCA analysis on EGB swap Spreads Fade cheap Credit and flat Curve: Buy Spain 5y vs France 10y

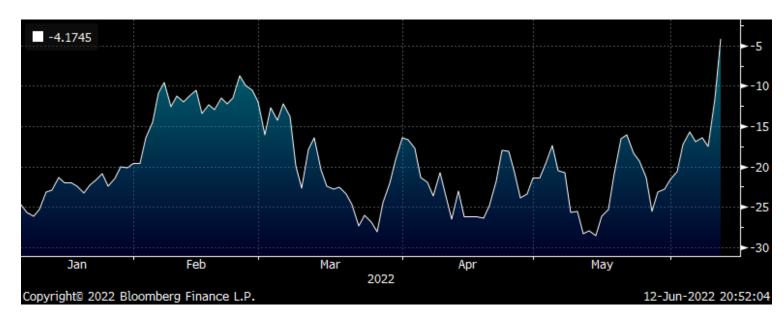
- There have already been comments about support for weaker issuers should credit conditions require it
 - 5y Ids ^{10y}

Tenor

- We run PCA on 90 days of EGB Yields 10y 30v
- After removing Factors 1 (~delta)
 We regress all the issues and tenors
- Credit curves have been hit hard and offer strong carry vs core
- We like the buying Spanish 4y to selling France 10y
- Regression Hedged: Call for details, Var and Sharpe ratio
- We like the curve in Periphery and the credit narrowing too – supply in Spain on Thursday. Timing based on Italy supply
- French supply on Thursday and again beginning of July

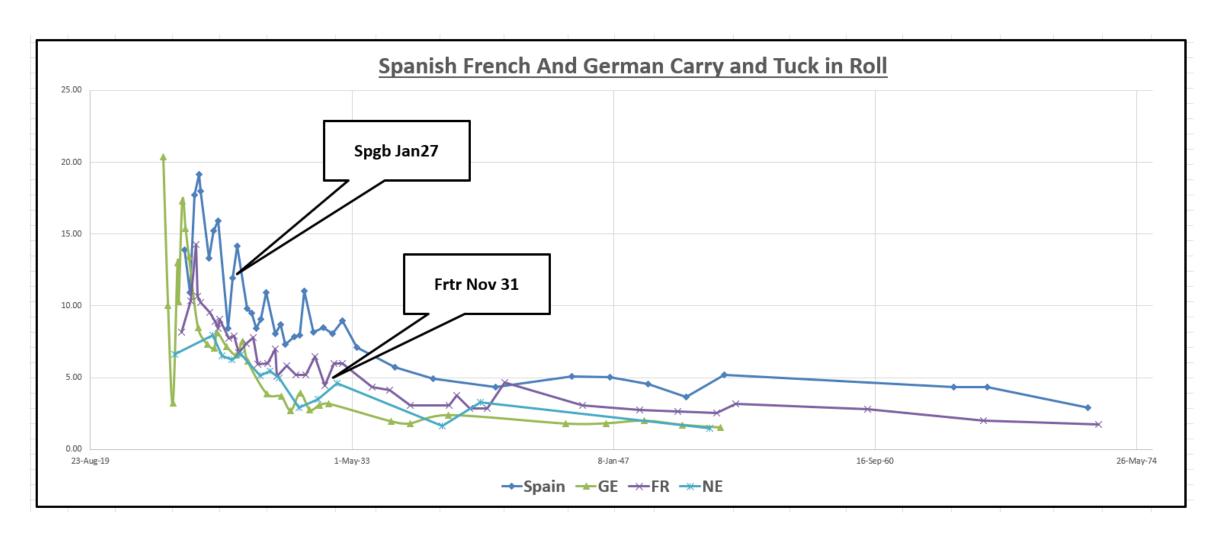
Factor Variables				Supplementary Variables			
Germany	Italy	France	Spain	Nether	Belg	Ireland	Austria
0.8	2.5	1.9	3.6	-3.6			
-3.3	0.7	-2.1	2.6	-1.5	-1.7	-0.6	
-2.1	1.2	-2.6	1.0	-1.7	-2.3	-1.2	-1.5

Z-Score PCA Rich Cheap – 90 Trading Day history



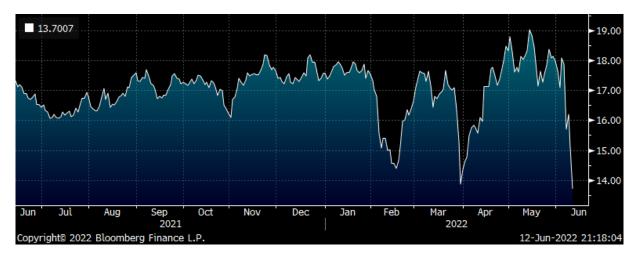
- Regression Sell Frtr Nov31 to buy Spgb Jan71
- -1:+0.91

French & Spanish Carry and Roll (vs Swaps)

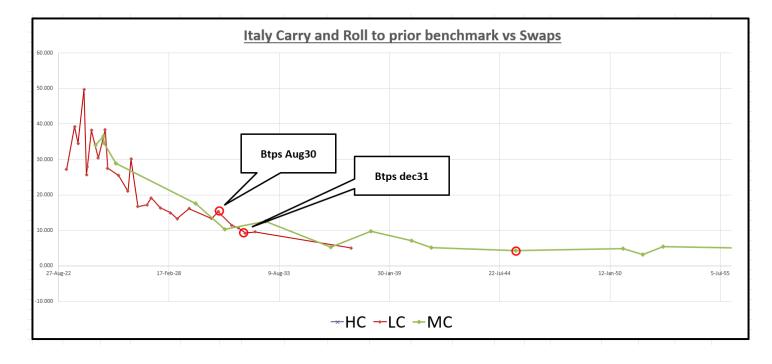


Italy 7s / 8s steepener

- Sell Dec31 they have reduced opportunity to ever be a clear CTD and are rich
- Buy Btps Au30 Similar low coupon
- Pick up C&R as the older Aug30 disappears into the expensive jul28 to Aug30 void
- PC1 (Factor 1) suggests a duration hedge

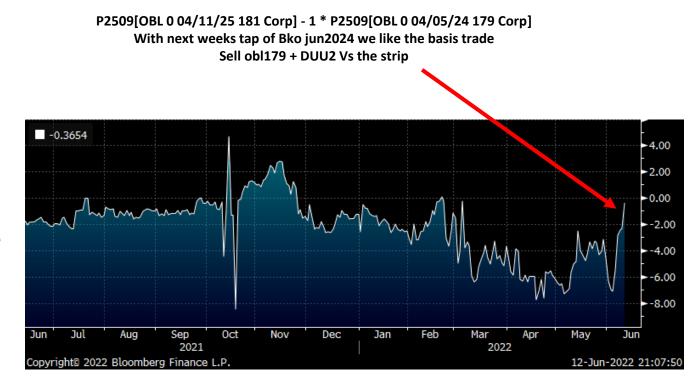


100 * (YIELD[BTPS 0.95 12/01/31 Corp] - 1.00 * YIELD[BTPS 0.95 08/01/30 Corp])



Obl 179 looking rich Sell on Swap Spread to buy Obl 181 or Bko Jun tap

- AS the DUM2 roll ends we see the fallacy of thinking the outgoing deliverables do anything but roll into the fair curve
- With the sell off in 2yrs this has caused a cheapening in the 2y + tenors
- BKO Jun1014 doesn't have much history but consider – on179 into that OR Obl181 vs swaps



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