

SPACE AND TIME FOR PERFORMANCE



Financial Engineering & Investment Strategies

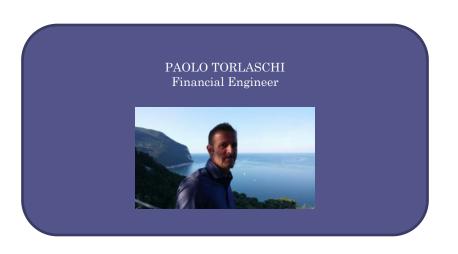
Lux Quantum has been involved in building strategies on financial markets for over 10 years.

LQ is an independent company,

without agreements with any credit or insurance institution, with the possibility to operate only for its clients.

In this way the customer has the possibility

to choose correctly without conflicts of interest.

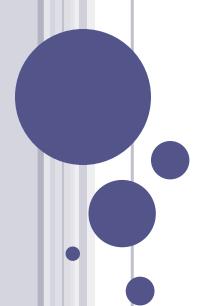


LuxQuantum
Financial Engineering & Investment Strategies
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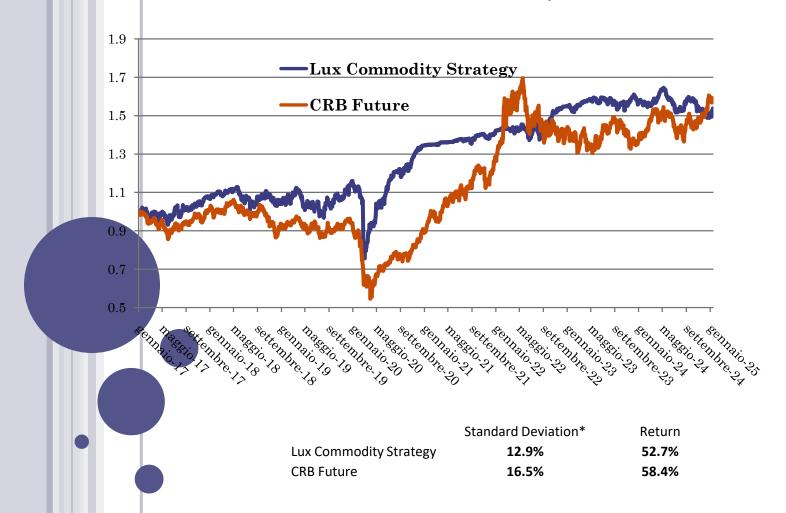
Space-based accumulation plan and not time-based....

... Commodity exposure and balanced basket ...

.... Growth rate 1% monthly volatility dependent



..Track record since January 2017..



[•]Annualized Standard Deviation of the daily returns for the whole period considered,

[•]for both track records. Returns always over the same period, until Feb 7th, 2025

CRB - HISTORY

CRB - Thomson Reuters/CoreCommodity CRB Index

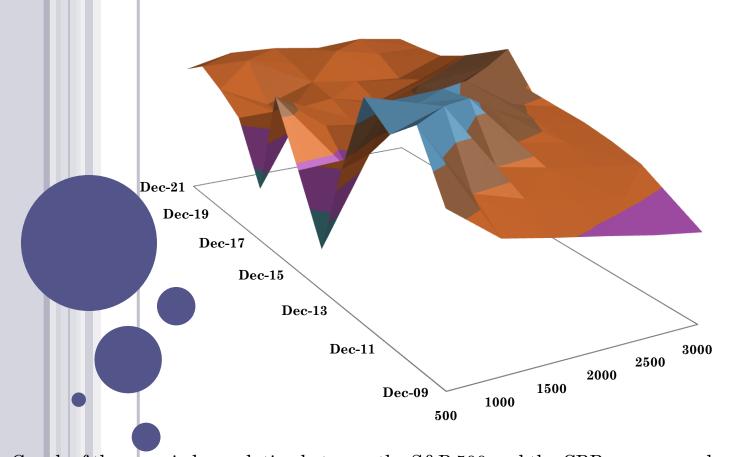


Historically we are on a high level but not so high....

..much more than other indices it has an industrial soul....

CRB - HISTORY





Graph of the n-period correlation between the S&P 500 and the CRB over several years. Usually between 0.4 and 0.3... with even peaks towards 0.1.

buy on weakness and sell on strength..

..with creation of value dependent on the movements of the underlying

Contrarian Style ...

Performance Drivers.... small gains with intensive use of time

... Diversified basket ...

Selection of commodities of different sectors, without overexposure to individual sectors

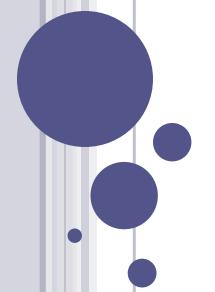


First of all

during the construction of the portfolio through the selection of assets with negative correlation between them to optimize the overall result of the portfolio

... and then

avoiding purchases on critical levels



Space-based accumulation plan and not time-based

The annual returns of commodities are very volatile

	CRB		Copper	Cotton	CrudeOil	Palladium	Gold	Gold	Corn	Coffee	Sugar	Nickel
2010)	22.65%	34.60%	105.40%	7.40%	103.89%	33.87%	35.91%	35.72%	70.99%	35.45%	35.44%
2011	L	-5.34%	-21.96%	-18.57%	0.22%	-16.40%	12.79%	14.14%	4.38%	-9.04%	-14.47%	-22.86%
2012	2	-6.44%	0.67%	-12.94%	-16.04%	5.51%	6 1.67%	3.18%	14.50%	-41.43%	-15.24%	-10.04%
2013	3	-8.72%	-12.50%	1.07%	3.89%	-3.24%	6 -31.58%	-30.73%	-32.83%	-32.57%	-24.12%	-24.31%
2014	l.	-7.03%	-4.81%	-8.88%	-35.03%	26.98%	6 11.87%	12.85%	-0.17%	46.16%	-21.53%	19.19%
2015	,	-16.99%	-18.24%	11.61%	-39.37%	-23.85%	-3.16%	-2.15%	-13.56%	-26.33%	3.52%	-37.61%
2016	5	13.62%	18.71%	13.17%	10.28%	26.81%	6 10.74%	12.26%	-7.67%	5.31%	27.29%	16.72%
2017		-11.69%	11.56%	-3.44%	-8.79%	35.94%	-2.79%	-1.30%	-23.58%	-28.09%	-35.86%	6.95%
2018	3	-6.79%	-16.56%	-3.87%	-18.23%	24.37%	1.03%	2.45%	-0.50%	-23.77%	-21.74%	-12.07%
2019)	14.10%	7.26%	-4.93%	38.80%	54.29%	18.82%	20.53%	-5.03%	15.58%	1.64%	36.85%
2020) .	-18.91%	11.84%	-1.79%	-56.91%	11.74%	9.39%	13.17%	-1.32%	-20.93%	-1.24%	4.39%
2021		52.24%	33.33%	57.29%	84.37%	-7.69%	2.20%	3.83%	50.62%	80.53%	31.79%	31.84%
2022	2	27.09%	-9.05%	-5.59%	32.22%	-7.25%	4.13%	5.76%	27.71%	-19.58%	17.97%	55.62%

... and have various characteristics....

Absence of DEFAULT RISK....

... Different PRICE SENSITIVE factors according to the sector...

... commodities are the input for all the strategic sectors in economies...

.. For this reason, the resulting trends are different

.... volatility of returns is a fact...

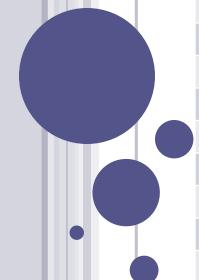
..we can only decide whether to suffer or use it....

Co	mmoauy exposure ana	i oaiance	a oaskei
Sector		Ticker	Market
Energy	CrudeOil	\mathbf{CL}	NYMEX
	MINY Light Sweet Crude Oil	QM	NYMEX
	Brent	BB	NYMEX
	MINY Gasoline RBOB	QU	NYMEX
	Mini Heating Oil	QH	NYMEX
	Ethanol	AC	ECBOT
	Uranium	UX	NYMEX
Precious Metals	Gold	GC	NYMEX
11colous meturs	MiniSilver	ΥI	NYSELIFFE
	PLATINUM	PL	NYMEX
	MicroGold	MGC	NYMEX
	Microgold	MGC	NIMEX
Agriculture & Softs	Soybeans	$\mathbf{Z}\mathbf{S}$	ECBOT
	Mini Sized Soybeans	YK	ECBOT
	Wheat Futures	ZW	ECBOT
	MiniWheat	$\mathbf{Y}\mathbf{W}$	ECBOT
	Cheese	\mathbf{GSC}	GLOBEX
	Milk	\mathbf{GDK}	GLOBEX
	Orange Juice	\mathbf{OJ}	NYBOT
	Coffee	KC	NYBOT
	Lumber	LB	GLOBEX
	Oat	ZO	ECBOT
	Cotton	$\overline{\mathbf{CT}}$	NYBOT
	Cotton	TT	NYMEX
	Cocoa	$\overline{\mathbf{C}}\mathbf{C}$	NYBOT
	Rough Rice	ZR	ECBOT
	Canola	RS	NYBOT
	Sugar	SB	NYBOT
	Mini Sized Corn	YC	ECBOT
		10	ECBOI
Livestock	\mathbf{Beef}		
	Feeder Cattle	\mathbf{GF}	GLOBEX
	Live Cattle	$\mathbf{L}\mathbf{E}$	GLOBEX
	LeanHogs	HE	GLOBEX
Industrial Metals	Copper	\mathbf{HG}	NYMEX
	MiniCopper	\mathbf{QC}	NYMEX
	Steel	HRC	NYMEX
	Palladium	PA	NYMEX
	Lead	PB	LMEOTC
	Aluminium	ALI	NYMEX
	Tin	SNLME	LMEOTC
	Nickel	NI	LMEOTC
	Iron Ore	TIO	NYMEX
Index	S&P GSCI	AIGCI	NYMEX
	Dow Jones-UBS Commodity Inc		DTB
	Don somes CDS commodity in	u	ענע

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Commodity exposure and balanced basket

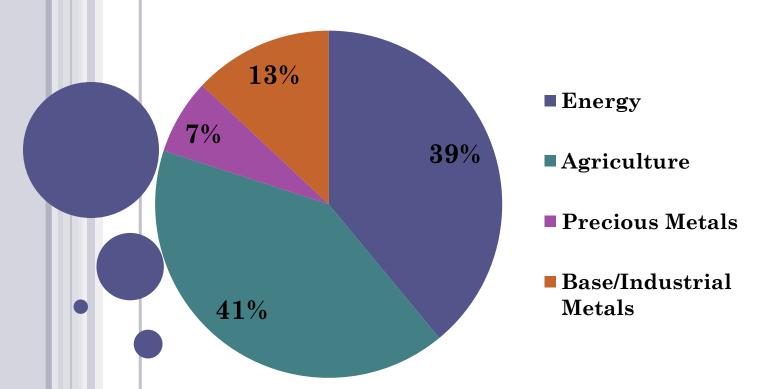
Sector	Name	Instrument		
Precious Metals	Platinum	CFD		
Precious Metals	Gold	CFD		
Precious Metals	Silver	CFD		
Industrial Metals	Copper	CFD		
Industrial Metals	Palladium	CFD		
Agriculture – Grains	Corn	CFD		
Agriculture – Grains	Wheat	CFD		
Agriculture – Grains	Soybean	CFD		
A griculture-Softs	Cotton	CFD		
A griculture-Softs	Coffee	CFD		
A griculture-Softs	Sugar	CFD		
Agriculture – Softs	Cocoa	CFD		
Energy	CrudeOil	CFD		
Energy	Heating Oil	CFD		
Energy	Natural Gas	CFD		
Energy	Brent Oil	CFD		
Energy	Gasoline	CFD		

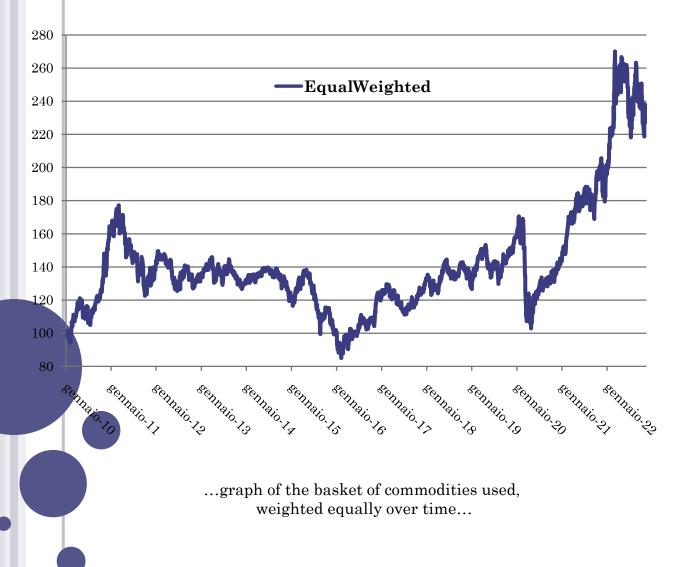


CRB - COSTITUENTS

Thomson Reuters/CoreCommodity CRB Index is calculated using arithmetic average of commodity futures prices with monthly rebalancing. The index consists of 19 commodities: Aluminum, Cocoa, Coffee, Copper, Corn, Cotton, Crude Oil, Gold, Heating Oil, Lean Hogs, Live Cattle, Natural Gas, Nickel, Orange Juice, RBOB Gasoline, Silver, Soybeans, Sugar and Wheat.

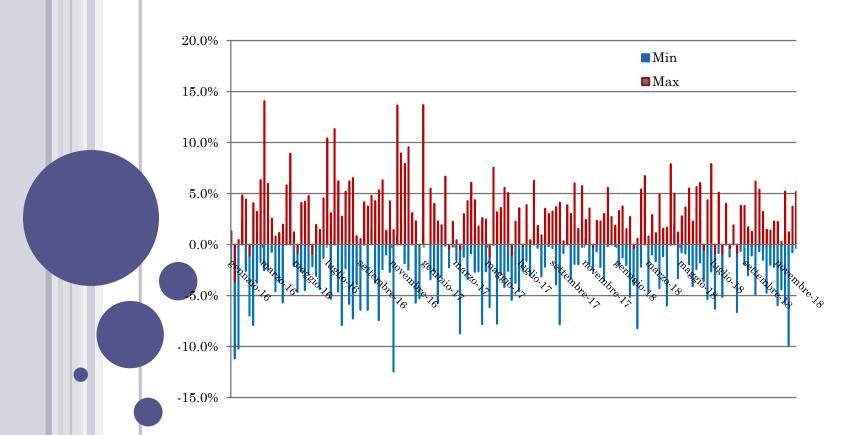
Those commodities are sorted into 4 groups, with different weightings: Energy: 39%, Agriculture: 41%, Precious Metals: 7%, Base/Industrial Metals: 13%.





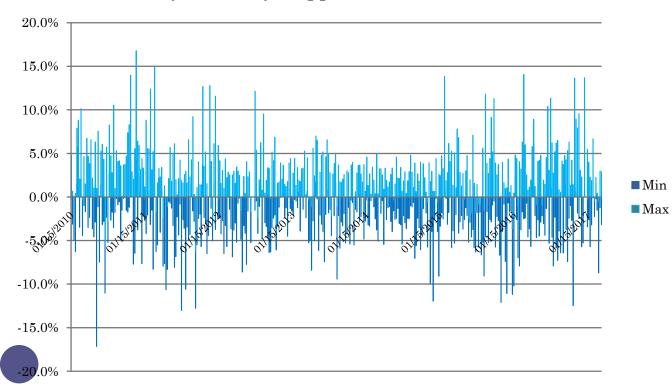
...weekly performance of the best and worst commodity among those selected...

... every week there is a positive asset and a negative one within the chosen basket..



.. negative correlation in the basket is substantially confirmed...

Volatility Intraday Copper...



The analysis of the daily volatility of copper shows that there is enough space every day to manage positions on successive levels of purchases and sales on the strength within a single market day.

Growth rate 1% monthly volatility dependent

Mean Intraday Volatility

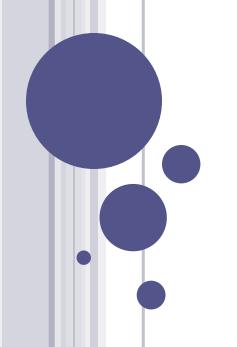
Based on volatility
historical average.....
Copper
1.29%
Cotton
1.65%
Crude Oil
2.05%
Palladium
1.67%

...in overly conservative terms..

... each level of buying and selling is less than the average volatility observed...

.. we get an idea of average return

Expected average monthly coupon equal to 1.18%!



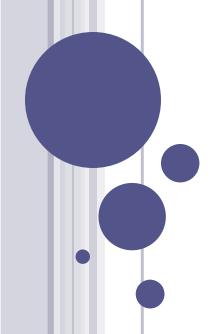
Growth rate 1% monthly volatility dependent

... real portfolio data

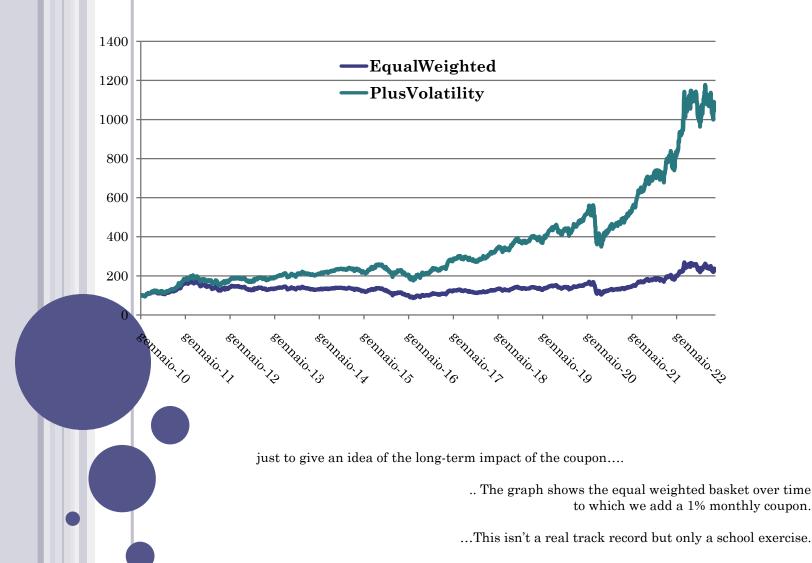
	Vendite	Val	ue	Percentage
COPPER	12	81	3202.5	32.03%
COTTON#2	6	12	4284	4 42.84 %
CrudeOIL	3	07	1535	15.35%
PALLADIUM		80	560	5.60%
WHEAT	13	29	5980.5	59.81%
PLATINUM	14	46	13014	4 130.14%
Total			28576	71.44%

... in line with expectations...

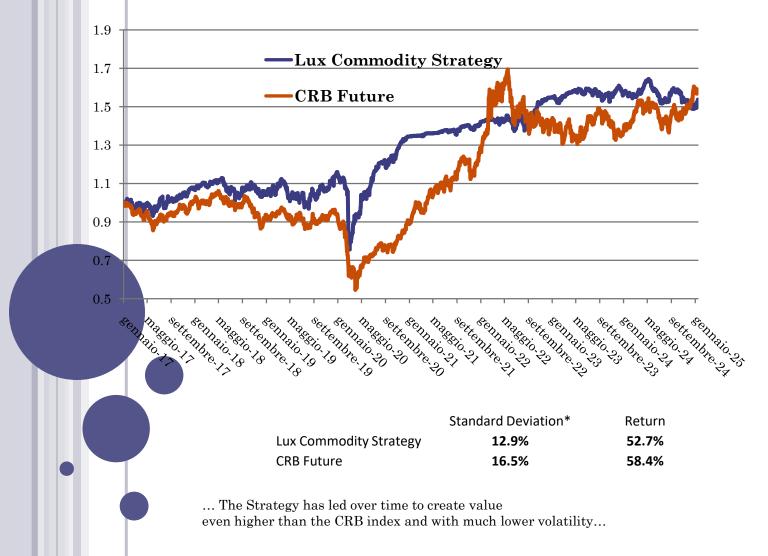
...after 69 months the sales made created a contribution to the return of 1.03% per month...



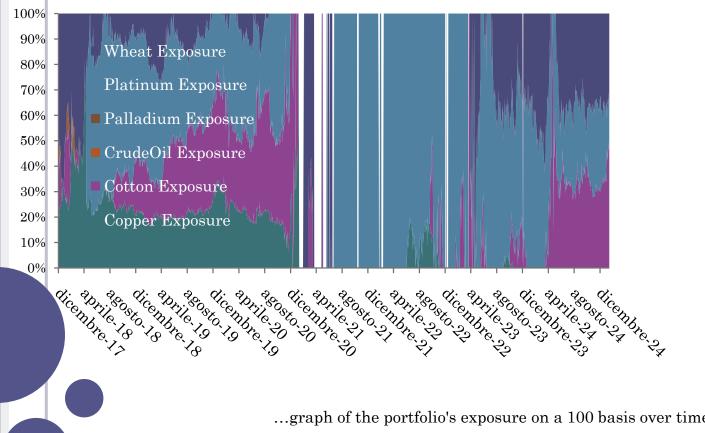
Growth rate 1% monthly volatility dependent



..Track record since January 2017..



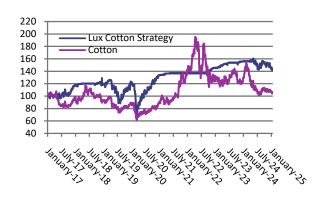
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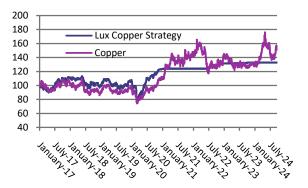


...graph of the portfolio's exposure on a 100 basis over time...

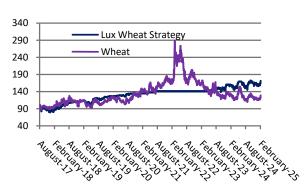
.... diversification and weight management depend on the movements of the underlying...

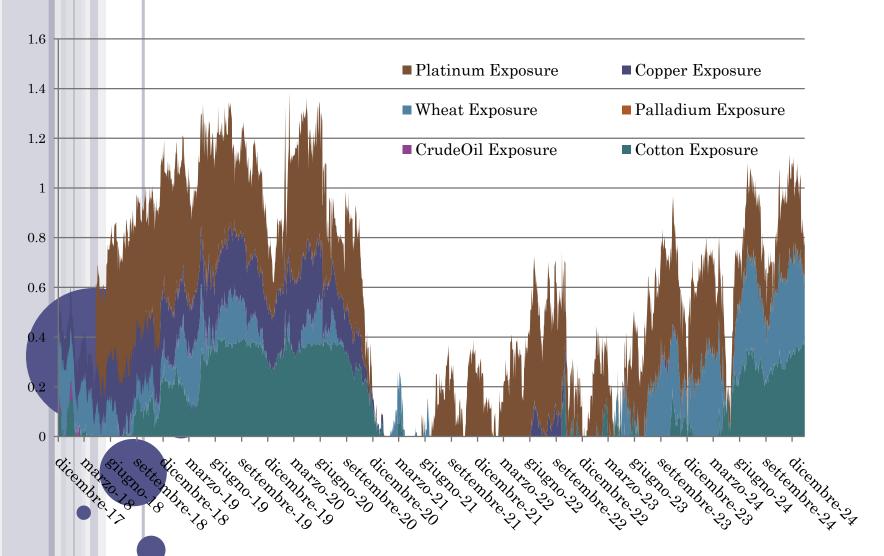
.. Management of positions within the portfolio over time against its index..



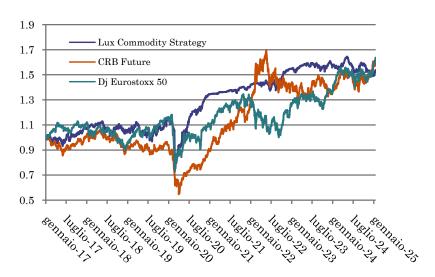


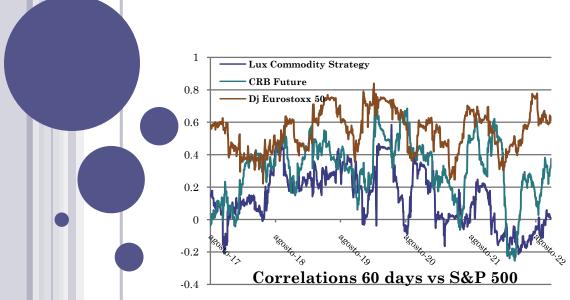






.. Drawdown even lower than that of the Eurostoxx 50 and different trend...





... as the correlations of yields to 60g with the stock market (S&P 500) show....

.. **correlation** that can be defined absent if one considers that in history it has fluctuated between -0.2 and +0.4 in comparisons of stock indexes

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How to Subscribe

The Certificate with the underlying **Lux Commodity Volatility** strategy, will be listed on Frankfurt stock exchange since Feb 2025.....

Documents and info will be soon available!

..... currently also available as a segregated account!

