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Eurex

France Decides 2022: Demographics and Trading Opportunities of Europe's 2nd Largest Market

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French Election: First Round Results By Department

Winner of each department in the first round of the French presidential election*



GFM
ASSET MANAGEMENT

Exchange
Partner

EUREX

Share of total vote

Macron (23.9%)

Le Pen (21.4%)

Fillon (19.9%)

Mélenchon (19.6%)

France Decides 2022

Demographics, Decisions & EURO STOXX® Derivatives

by Tariq Dennison



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Image credit: https://www.statista.com/chart/9082/french-election_-first-round-results-by-department/

@StatistaCharts

Source: French Interior Ministry

statista

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About Tariq Dennison TEP

- Independent Advisor Managing Accounts on the IBKR platform
 - US Advisor: GFM Asset Management LLC
 - HK Advisor: GFM Group Limited
- In the market since 1998
 - Commerzbank (NY, London, Frankfurt)
 - Bear Stearns (NY)
 - J.P. Morgan (NY)
 - Canadian Imperial Bank of Commerce
 - Societe Generale (HK)
- Masters in Financial Engineering
 - University of California at Berkeley
- Lecturer at ESSEC Singapore
 - Fixed Income
 - Alternative Assets
- Big Picture, International Investing, Fundamental Value
- Author “Invest Outside the Box”



French Election & Economy

- The candidates: Macron vs his opposition
- Two rounds of voting
- The employment factor
- The longer-term demographic problem

Trading Strategies & Spreads

- OAT (Bond futures)
- EURO STOXX® 50 options vs micro futures
- The VSTOXX®

Quick background for those new to French politics

MACAROON **vs.** MACARON **vs.** MACRON



MACAROON
(*mak-uh-roon*) noun

A cookie made with egg whites, sugar, and ground almonds or coconut.



MACARON
(*mah-kuh-ron*) noun

A meringue-based cookie made with almond flour, egg whites and sugar, with a ganache filling.



MACRON
(*mah-kron*) noun

The 25th president of France, elected May 7, 2017.

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Source: https://twitter.com/ForbesLife/status/973624744217055232?s=20&t=z_-JU15opgofqIE2W_JHqA

The 2022 Candidates:



Emmanuel Macron
La République En Marche!

Incumbent

Valérie Pécresse
Les Républicains

"2/3 Merkel
1/3 Thatcher"

Marine Le Pen
Rassemblement national

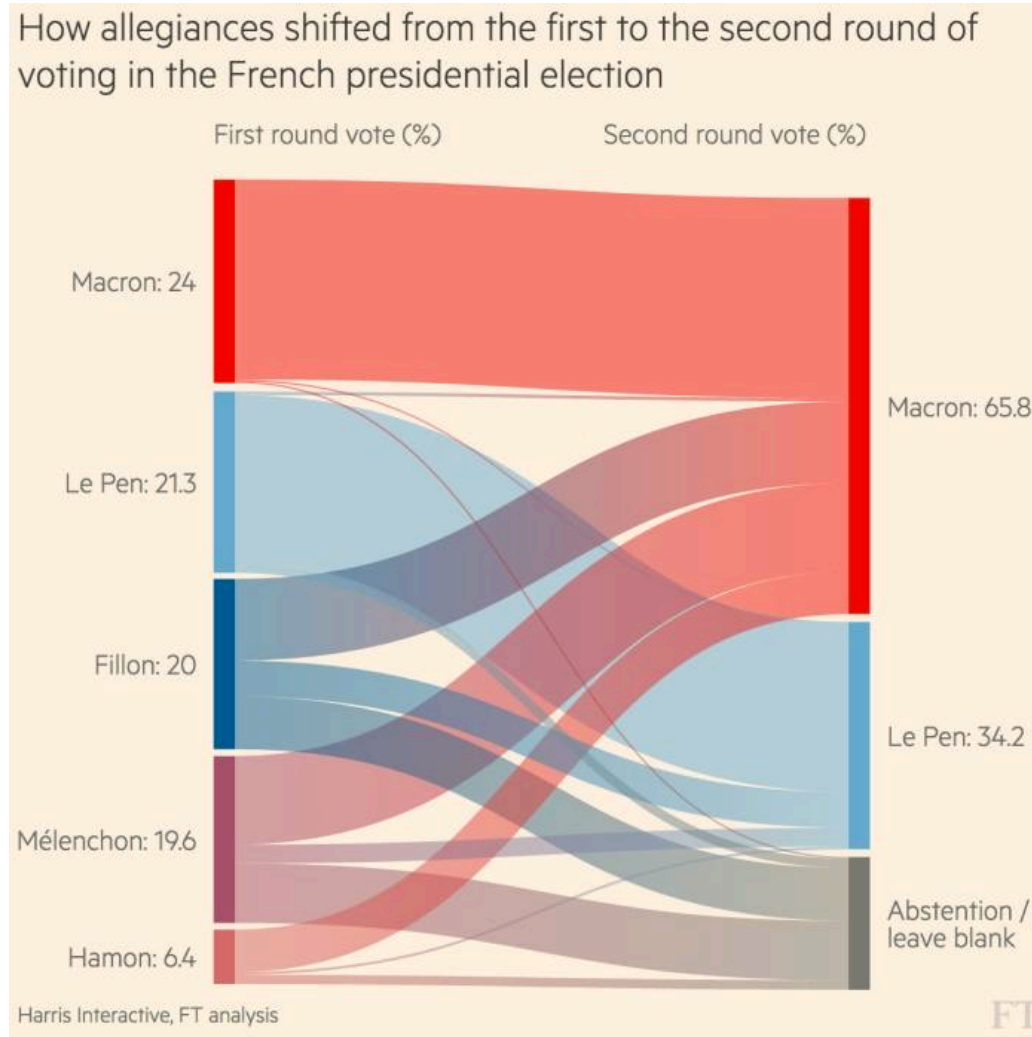
No longer focused
on "Frexit"

Éric Zemmour
Reconquête

Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations. There is a substantial risk of loss in trading futures and options. Past performance is not indicative of future results.

Source: Wikipedia

How 2017 1st vs 2nd Round Went



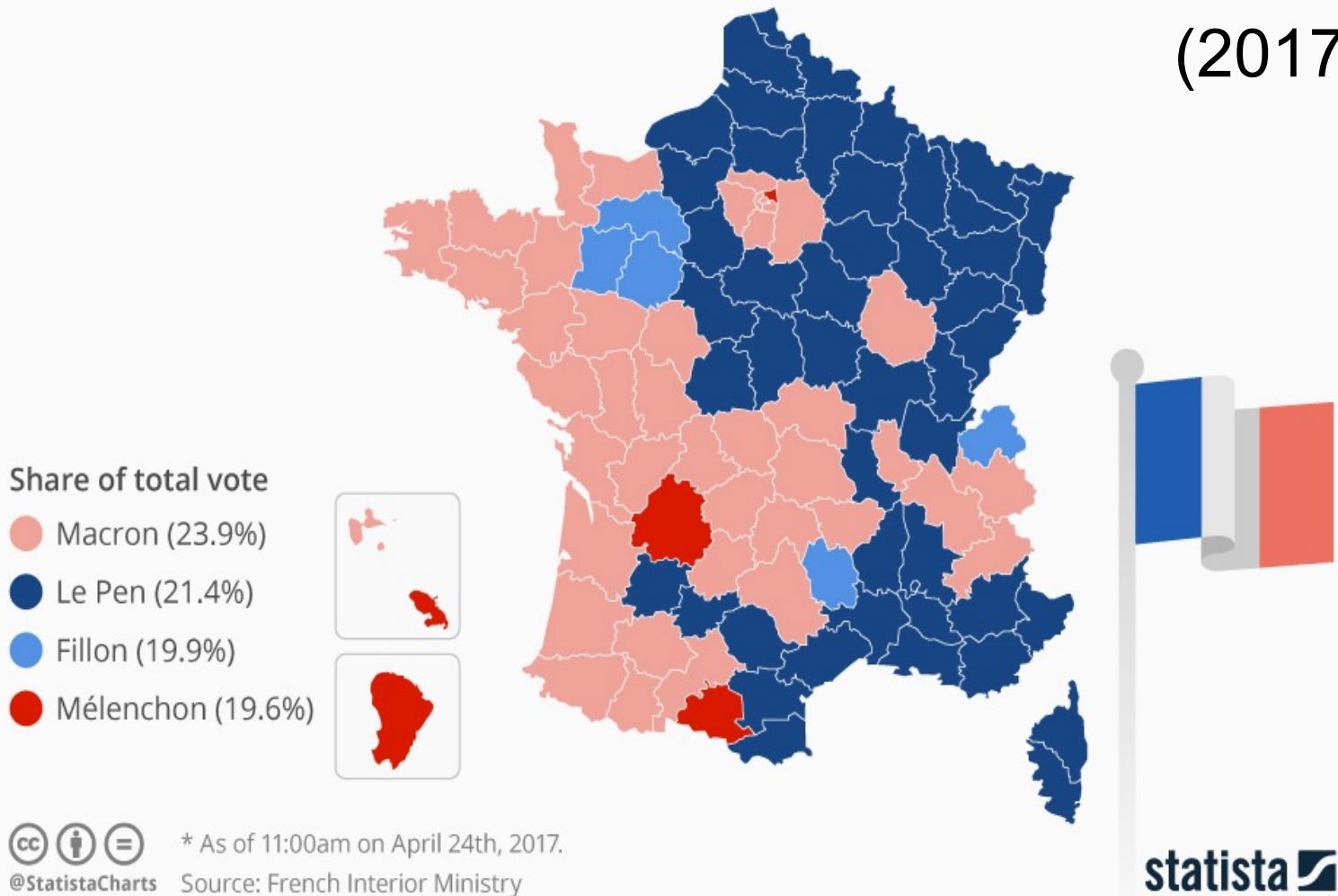
Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations. There is a substantial risk of loss in trading futures and options. Past performance is not indicative of future results.

Source: <https://www.ft.com/content/62d782d6-31a7-11e7-9555-23ef563ecf9a>

French Election: First Round Results By Department

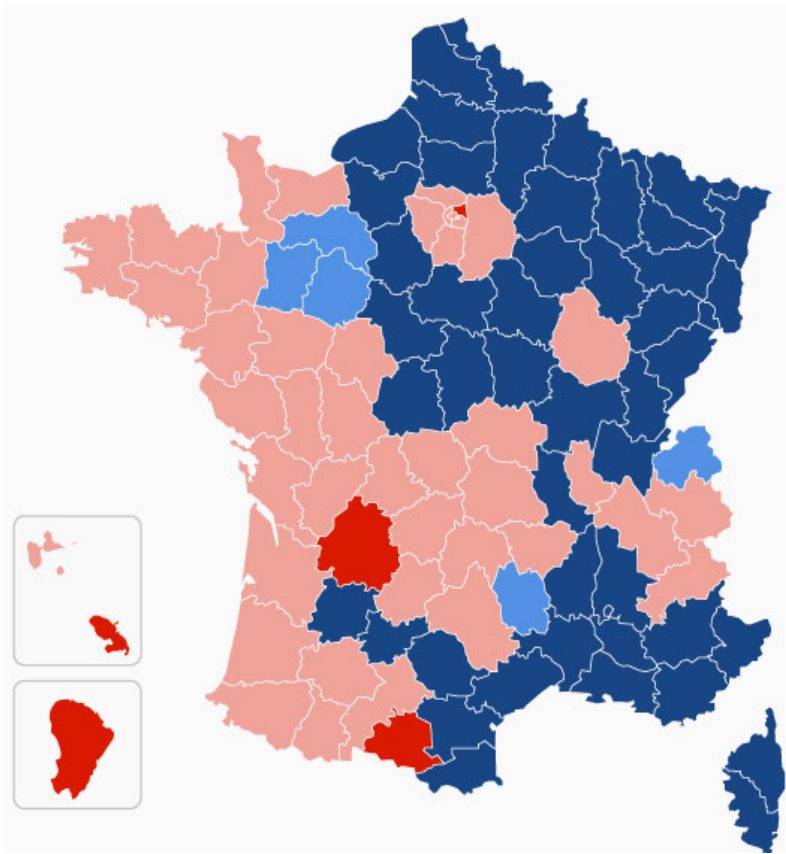
Winner of each department in the first round of the French presidential election*

(2017)

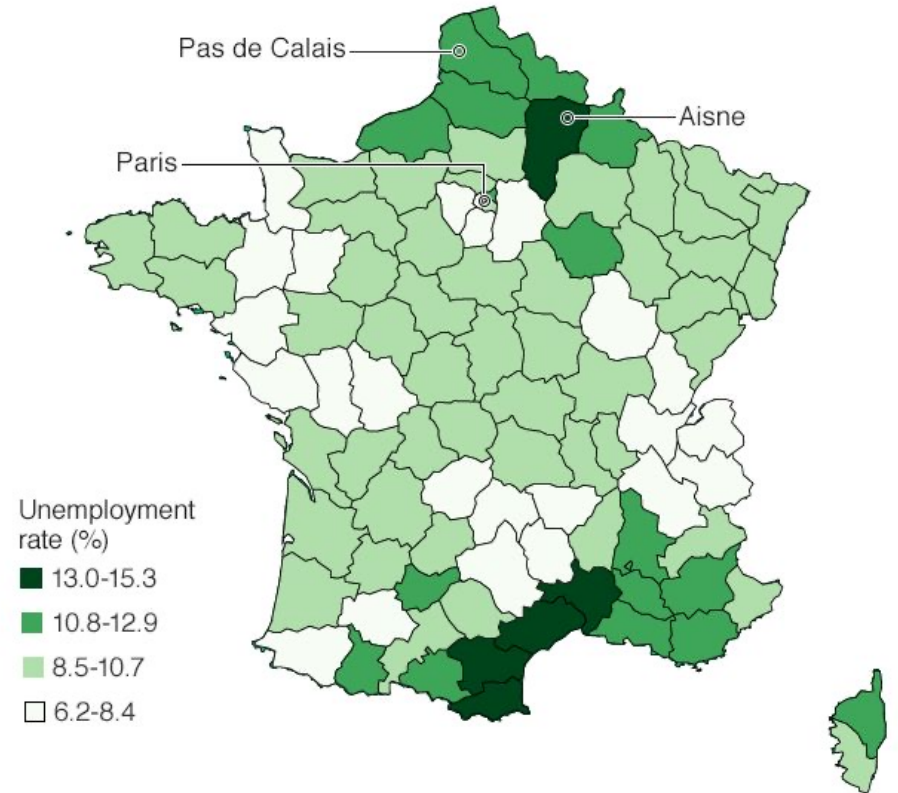


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1st Round Voting vs Unemployment, 2017



People out of work, Oct-Dec 2016



Source: Insee



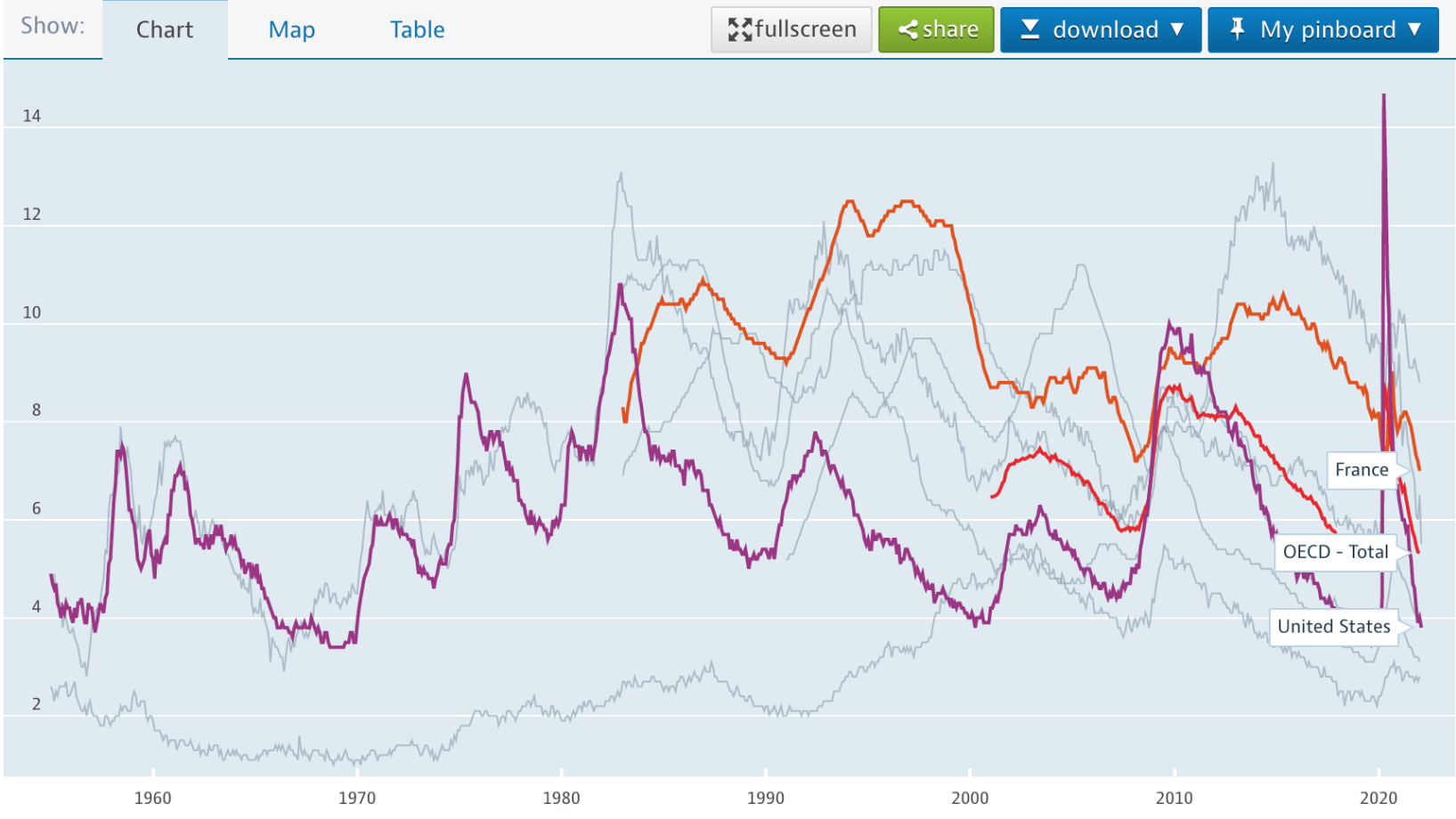
Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations. There is a substantial risk of loss in trading futures and options. Past performance is not indicative of future results.

Source: Statista, <https://www.bbc.com/news/world-europe-39870460>

French Unemployment has long been 2nd highest in G7

Unemployment rate Total, % of labour force, Jan 1955 – Feb 2022

Source: Labour: Labour market statistics

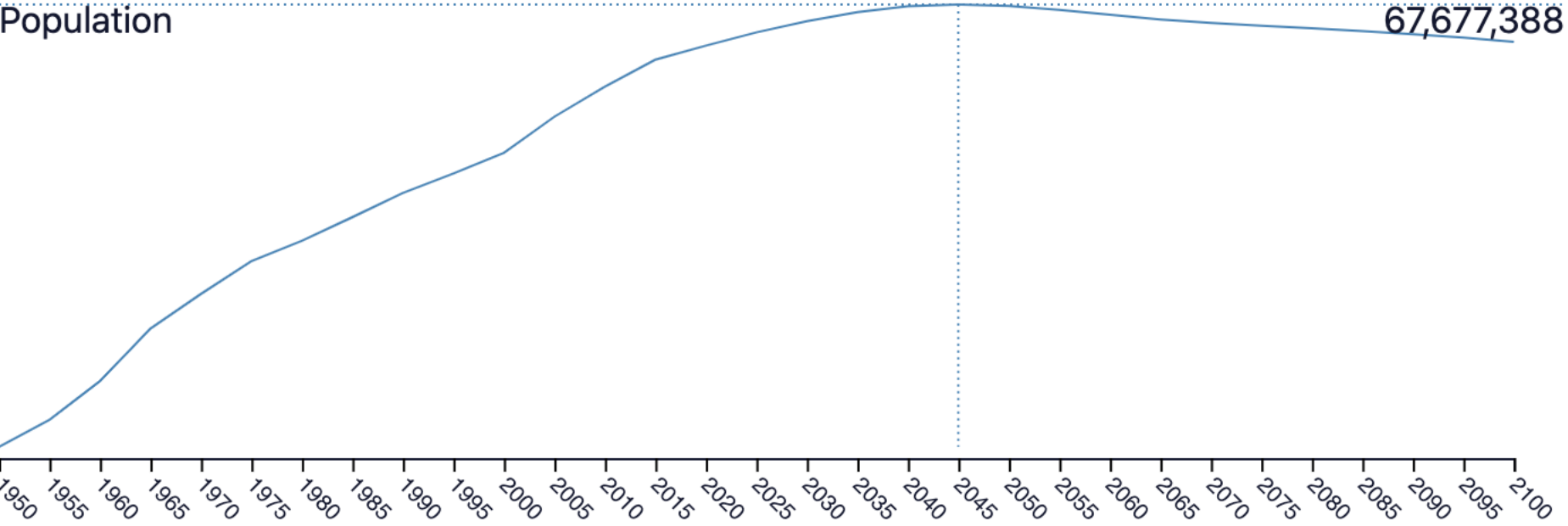


Any stock, options or futures symbols displayed are for illustrative purposes only and are not intended to portray recommendations. There is a substantial risk of loss in trading futures and options. Past performance is not indicative of future results.

Source: <https://data.oecd.org/unemp/unemployment-rate.htm>



But the unemployment rate doesn't reflect France's much bigger long-term problem: Peak Population



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Source: <https://www.populationpyramid.net/france/2045/>



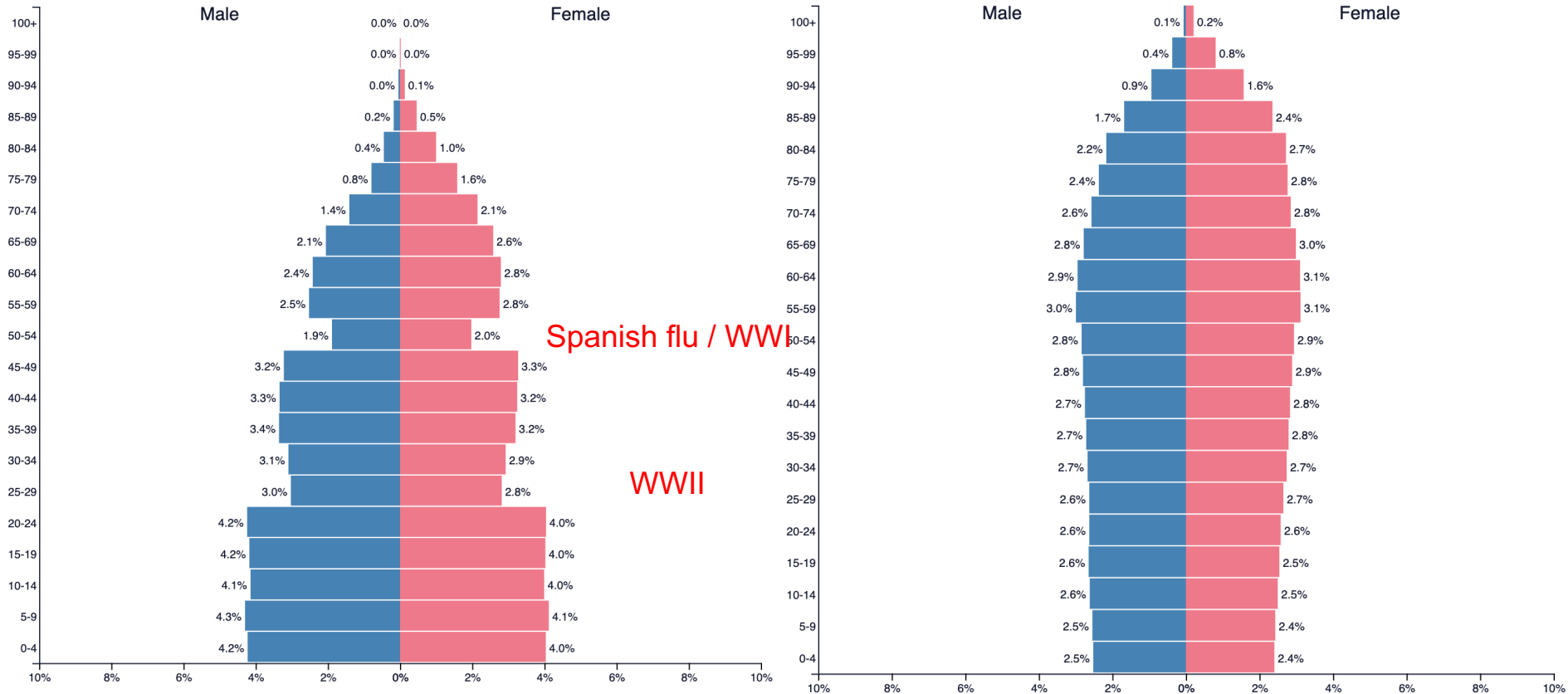
Fewer youth → Slow growth, pension crisis, ...

France ▼
1970

Population: 50,763,920

France ▼
2070

Population: 66,595,928



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Source: <https://www.populationpyramid.net/france/2045/>

Even immigration isn't expected to be enough to cover France's population decline after 2044

Figure 1 - Évolution de la population de 1970 à 2070 (scénario central)

	De 1970 à 1995	De 1995 à 2021	De 2021 à 2035	De 2035 à 2044	De 2044 à 2070
En moyenne / an					
Naissances	+ 778,000	+ 793,000	+ 712,000	+ 724,000	+ 676,000
Décès	- 543,000	- 561,000	- 666,000	- 760,000	- 791,000
Solde naturel	+ 235,000	+ 232,000	+ 46,000	- 36,000	- 115,000
Solde migratoire	+ 65,000	+ 72,000	+ 70,000	+ 70,000	+ 70,000
<i>Ajustement¹</i>	- 11,000	+ 0	- 4,000	+ 0	+ 0
Var. population / an²					
Effectif	+ 300,000	+ 304,000	+ 116,000	+ 34,000	- 45,000
Taux (en %)	+ 0.55	+ 0.48	+ 0.17	+ 0.04	- 0.07

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Source: <https://www.ined.fr/fr/tout-savoir-population/chiffres/france/evolution-population/projections/>
 INED = Institut national d'études démographiques

The last two times French demographics changed world history:

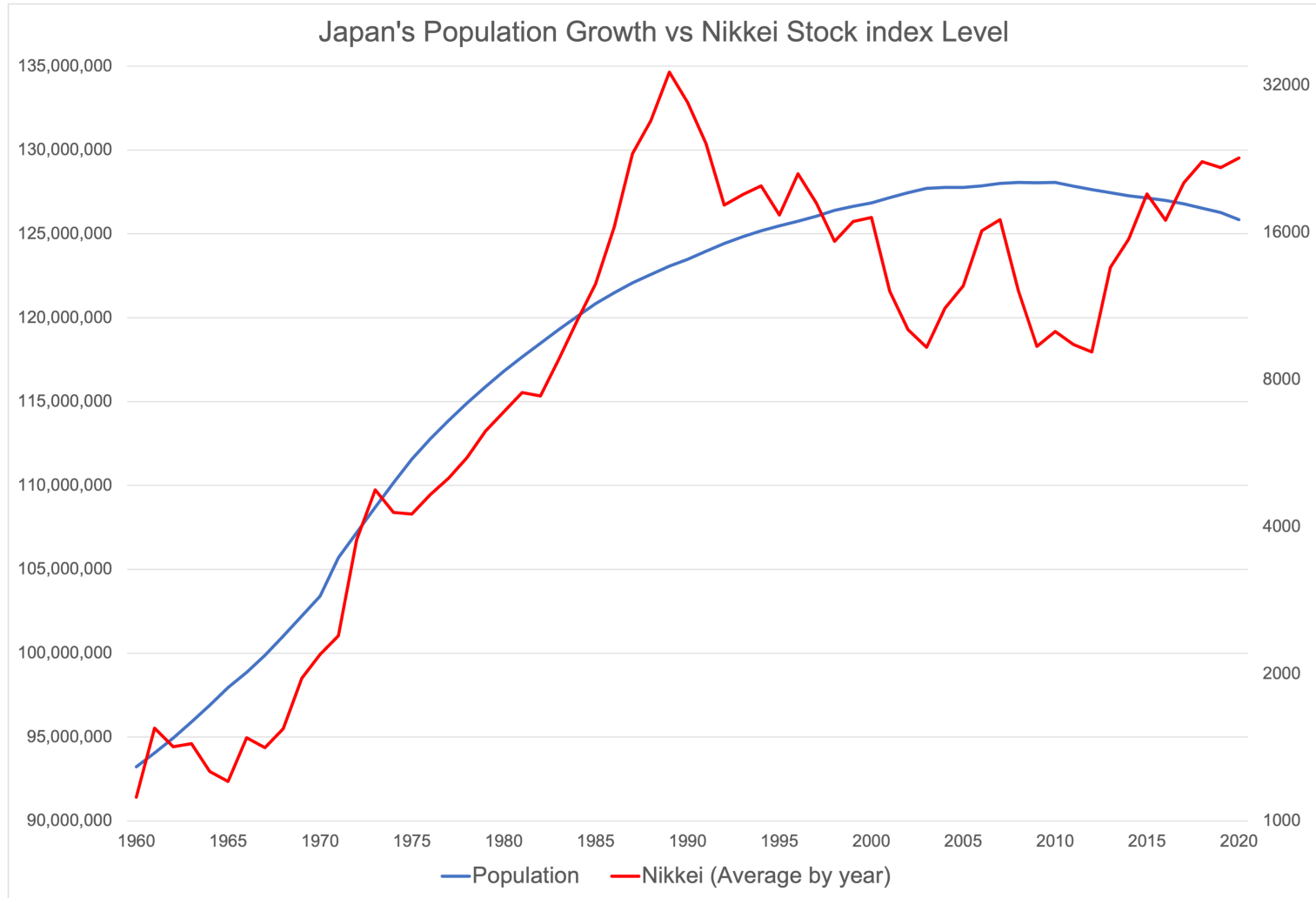


Source: https://en.wikipedia.org/wiki/File:Anonymous_-_Prise_de_la_Bastille.jpg

https://en.wikipedia.org/wiki/File:Les_mobilis%C3%A9s_parisiens_devant_la_gare_de_l%27Est_le_2_ao%C3%BBt_1914.jpeg

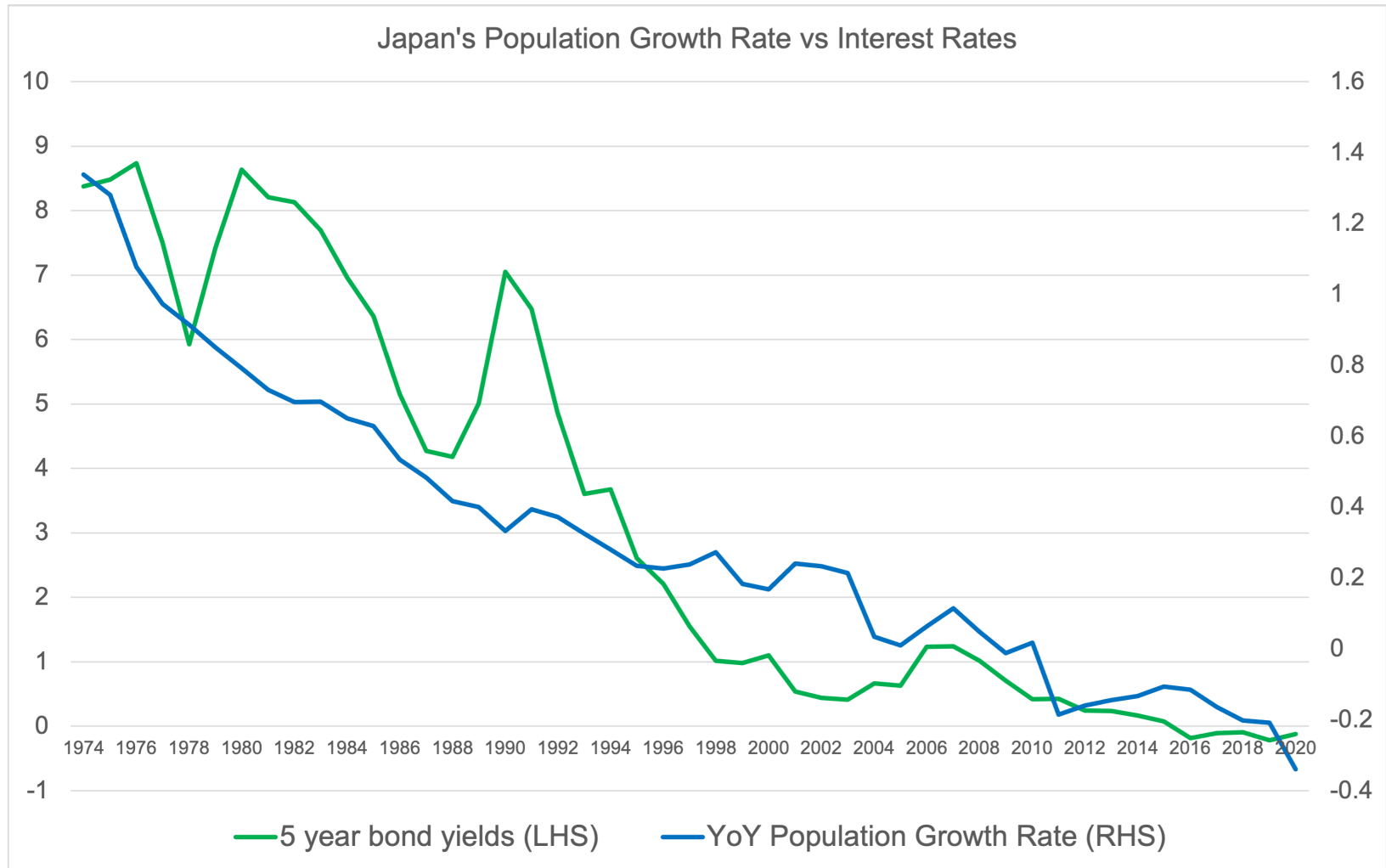
https://en.wikipedia.org/wiki/Paris_in_World_War_I#/media/File:Journ%C3%A9e_de_Paris,_14_Juillet_1916._Au_profit_des_oeuvres_de_guerre_de_l'H%C3%B4tel_de_Ville.jpg

Note what declining population has done to Japan's stock market....



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... and to Japan's interest rates and bond markets



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Source: World Bank, Japan Ministry of Finance

Instrument 1: OAT vs Bund

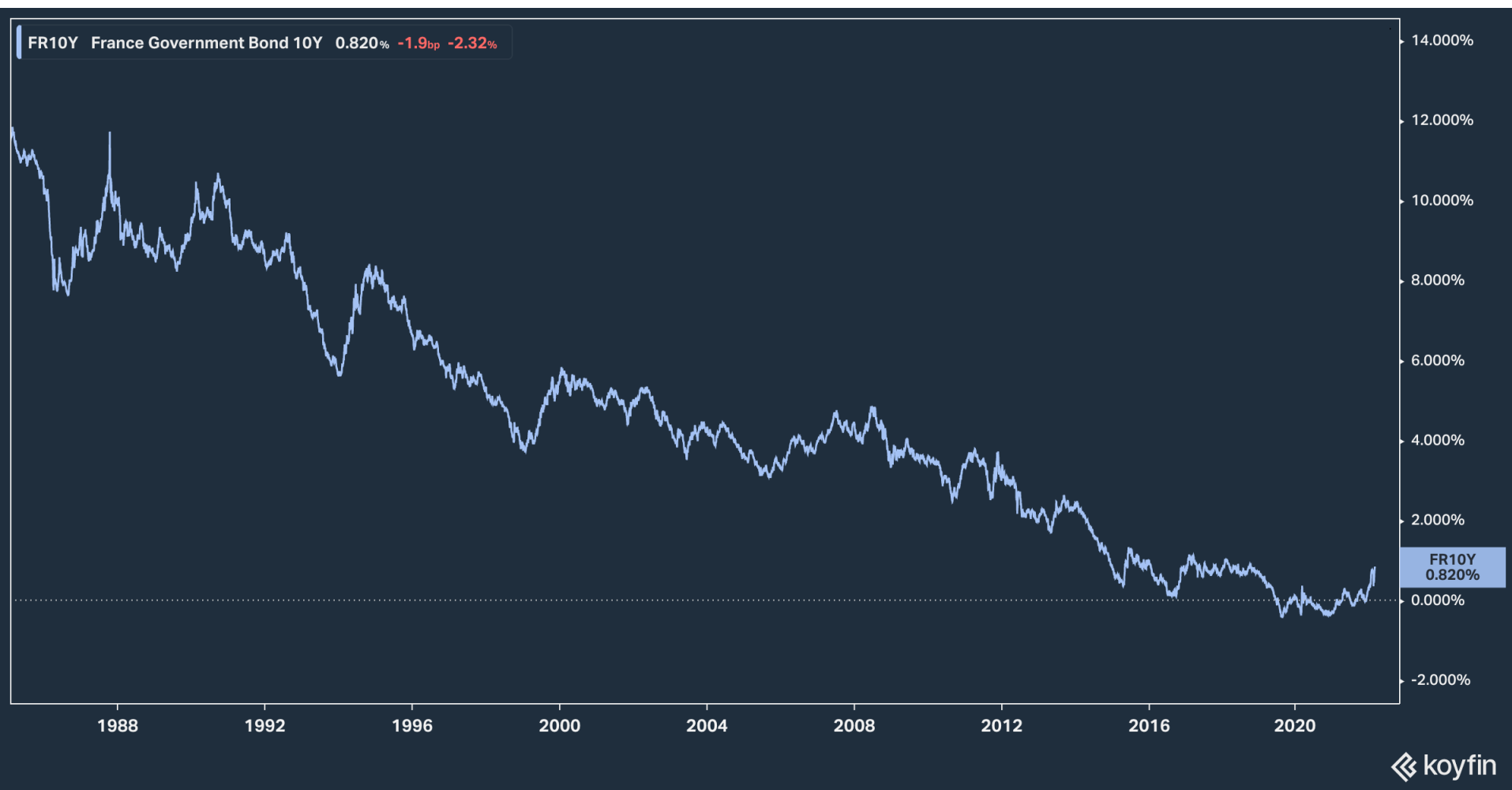
What is OAT?

- Obligations Assimilables du Trésor
- OAT futures tracks the 8.5-10.5yr maturity
- Backed by the “full faith & credit” of the French currency, but in EUR
- Super-liquid, often benchmarked against the German Bund

Bond Basics

- Deflation or slow economic growth drives both yields down
- Inflation or strong economic growth drives both yields up
- “Frexit” or fears of French credit worthiness widens the spread
- French fiscal strength tightens the spread

French 10 Year Yields, 1985-2022



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Remember, price moves in the opposite direction as yield



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Right Click > Financial Instrument Info > Description

OAT ∞ Jun08'22 @DTB	154.02	+0.53	0.35%
OAT Sep08'22 @DTB	c151.35		

DESCRIPTION File Configure

Euro-OAT French Government Bond

Security Type **FUT**
Underlying **[OAT IND](#)**
Contract Month **JUN22**
Expiration Date **JUN 08 '22**
Last Trading Date **JUN 08 '22 12:30 MET**
Currency **EUR**
Multiplier **1000**
Exchange **DTB**
Trading Class **FOAT**
Symbol **FOAT JUN 22**
Product Type **Fixed Income**
Settlement Method **Physical Delivery**
Physical Delivery **Not permitted at Interactive Brokers**

Trading Schedule: March 15, 2022 [Calendar](#)
Total Available Hours 01:15 - 22:05 (08:15 - 05:05 your time)
Exchange Time Zone (UTC+01:00) MET
Note: Trader Workstation follows timezone adjustments for daylight savings time

Margin Information

Margin Requirements Per Contract [More](#)

Initial (long)	4465.60 EUR
Maintenance (long)	3572.48 EUR
Initial (short)	4391.08 EUR
Maintenance (short)	3512.86 EUR

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Source: Interactive Brokers TWS, 15 Mar 2022

Sample OAT Futures Trades

✕ Order Confirmation
▼

▼ Euro-OAT French Government Bond

Financial Instrument	Bid	Ask	Last
OAT ∞ Mar08'22 @DTB	♦ 157.21	157.22 ♦	♦ 157.22

Order Description

SELL 1

Order Type LMT	Routing DTB	Time in Force DAY
Limit Price 158.00	Clearing IB	

Messages

Amount	Balances (in USD)																				
Amount 158,000 EUR	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: right;">Current</th> <th style="text-align: right;">Change</th> <th style="text-align: right;">Post-trade*</th> </tr> </thead> <tbody> <tr> <td>Equity with Loan</td> <td style="text-align: right;">83,656</td> <td style="text-align: right;">-1</td> <td style="text-align: right;">83,655</td> </tr> <tr> <td>Initial Margin</td> <td style="text-align: right;">13,871</td> <td style="text-align: right;">4,403</td> <td style="text-align: right;">18,273</td> </tr> <tr> <td>Maintenance Margin</td> <td style="text-align: right;">10,764</td> <td style="text-align: right;">3,522</td> <td style="text-align: right;">14,286</td> </tr> <tr> <td>Position</td> <td style="text-align: right;">0</td> <td style="text-align: right;">-1</td> <td style="text-align: right;">-1</td> </tr> </tbody> </table>		Current	Change	Post-trade*	Equity with Loan	83,656	-1	83,655	Initial Margin	13,871	4,403	18,273	Maintenance Margin	10,764	3,522	14,286	Position	0	-1	-1
	Current	Change	Post-trade*																		
Equity with Loan	83,656	-1	83,655																		
Initial Margin	13,871	4,403	18,273																		
Maintenance Margin	10,764	3,522	14,286																		
Position	0	-1	-1																		
Commission (est.) 1.13 EUR																					
Total 157,998.87 EUR																					

*This is a current projection and is subject to change.
[Margin Requirements Per Contract](#)

Don't display this message again.

Override and Transmit

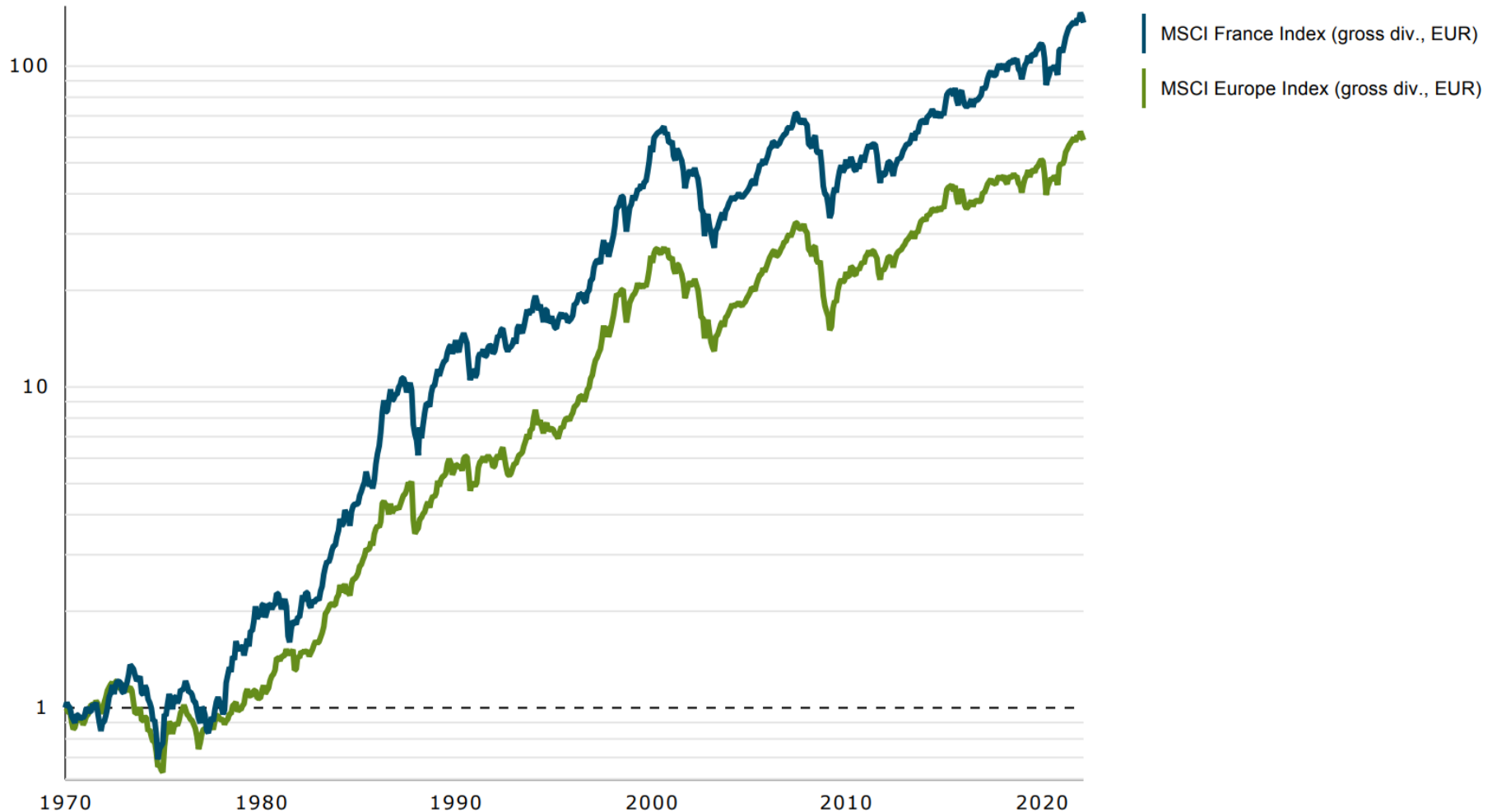
Cancel

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Instrument 2: ESTX50 options and micro futures

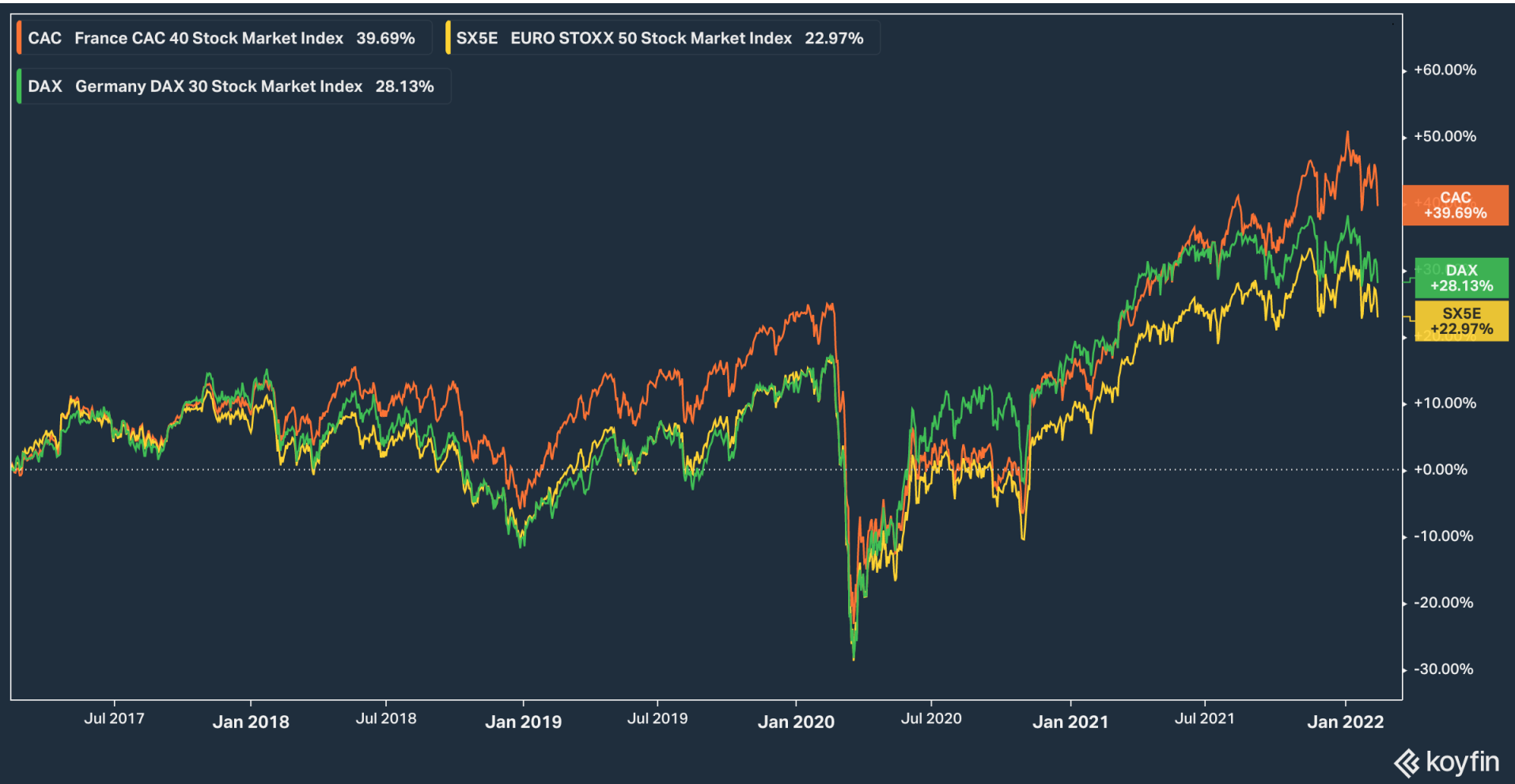
Historically, French Equity Performance >~ Europe's



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Source: MSCI, DFA

The liquid benchmarks, over the past 5 years



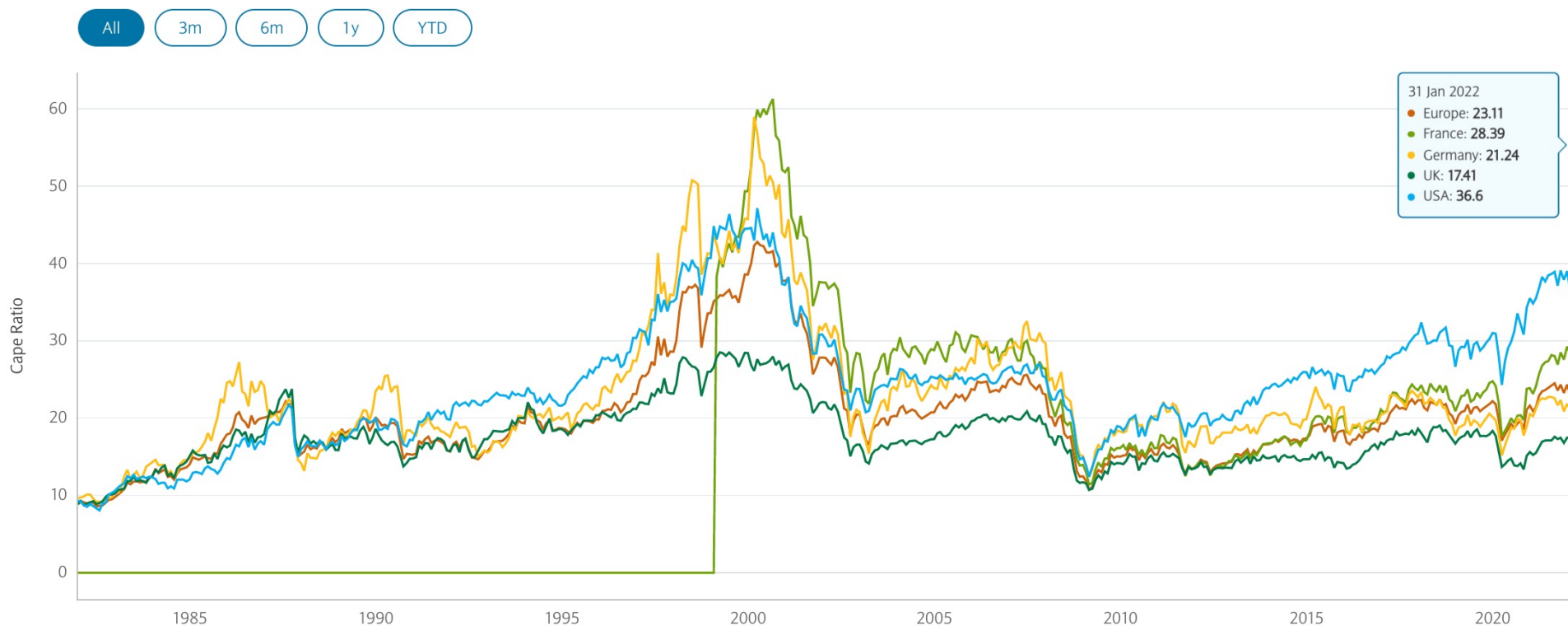
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French Equities Expensive vs Europe, not vs US

Historic CAPE[®] Ratio by country

View the historic CAPE[®] ratios for some of the largest economies in the world

Select a country in the chart below to compare historic CAPE[®] ratios over time.



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Source: <https://indices.barclays/IM/21/en/indices/static/historic-cape.app>

A look at the top names: ESTX50 vs CAC vs DAX

#	Name	Country	Exchange	Rating	Industry Classification	ESTX50	CAC	DAX
1	ASML HLDG	Netherlands	Euronext Amsterdam	Baa2	Technology	7.5%		
2	LVMH	France	Euronext Paris	A1	Consumer Discretionary	5.7%	11.7%	
3	TOTAL ENERGIES	France	Euronext Paris	Aa1	Energy	4.4%	8.1%	
4	LINDE	United Kingdom	New York Stock Exchange	-	Basic Materials	4.3%		8.9%
5	SAP ST.	Germany	XETRA	-	Technology	3.7%		8.2%
6	SANOFI	France	Euronext Paris	A1	Health Care	3.4%	6.6%	
7	SIEMENS	Germany	XETRA	Aa3	Industrials	3.4%		8.0%
8	ALLIANZ	Germany	XETRA	Aa3	Financials	3.0%		6.8%
9	L'OREAL	France	Euronext Paris	-	Consumer Discretionary	2.8%	5.6%	
10	SCHNEIDER ELECTRIC	France	Euronext Paris	A3	Industrials	2.7%	5.1%	
11	BNP PARIBAS	France	Euronext Paris	Baa2	Financials	2.4%	4.5%	
12	AIRBUS GROUP	Netherlands	Euronext Paris	A2	Industrials	2.2%	4.3%	5.0%
13	AIR LIQUIDE	France	Euronext Paris	A1	Basic Materials	2.2%	4.2%	
14	BASF	Germany	XETRA	A1	Basic Materials	2.0%		4.6%
15	MERCEDES BENZ	Germany	XETRA	A3	Consumer Staples	2.0%		4.6%
16	DT.TELEKOM	Germany	XETRA	Baa1	Telecommunications	2.0%		4.5%
17	VINCI	France	Euronext Paris	Baa1	Industrials	1.9%	3.4%	
18	BANCO SANTANDER	Spain	Mercado Continuo Espana	Baa1	Financials	1.9%		
19	PROSUS	Netherlands	Euronext Amsterdam	-	Technology	1.9%		
20	AXA	France	Euronext Paris	A2	Financials	1.9%	3.6%	
21	IBERDROLA	Spain	Mercado Continuo Espana	Baa1	Utilities	1.7%		
22	BAYER	Germany	XETRA	A3	Health Care	1.7%		3.9%
23	ADYEN	Netherlands	Euronext Amsterdam	-	Industrials	1.7%		
24	ING	Netherlands	Euronext Amsterdam	-	Financials	1.7%		
25	INTESA SANPAOLO	Italy	Milan Stock Exchange	Baa2	Financials	1.7%		
26	DT.POST	Germany	XETRA	Baa1	Industrials	1.7%		3.7%

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Source: DWS, 14 Feb 2022

“ESTX50” for
 EURO STOXX ® 50
 Choose “Futures” for futures,
 and “Index” for the option
 chain.

Dow Jones Euro STOXX50 - DTB

- Futures
- Options
- Warrants
- Structured Products
- Index

Search by company name

estx50 Find

[View Popular Products](#)

ESTX50@DTB 1 pt = 1.00 EUR i X

ESTX50 MAR	Mar18'22	4056.81
ESTX50 JUN	Jun17'22	3983.00
ESTX50 SEP	Sep16'22	c4049.50
ESTX50 ∞ MAR	Continuous (Mar)	4056.81

More/Multiple

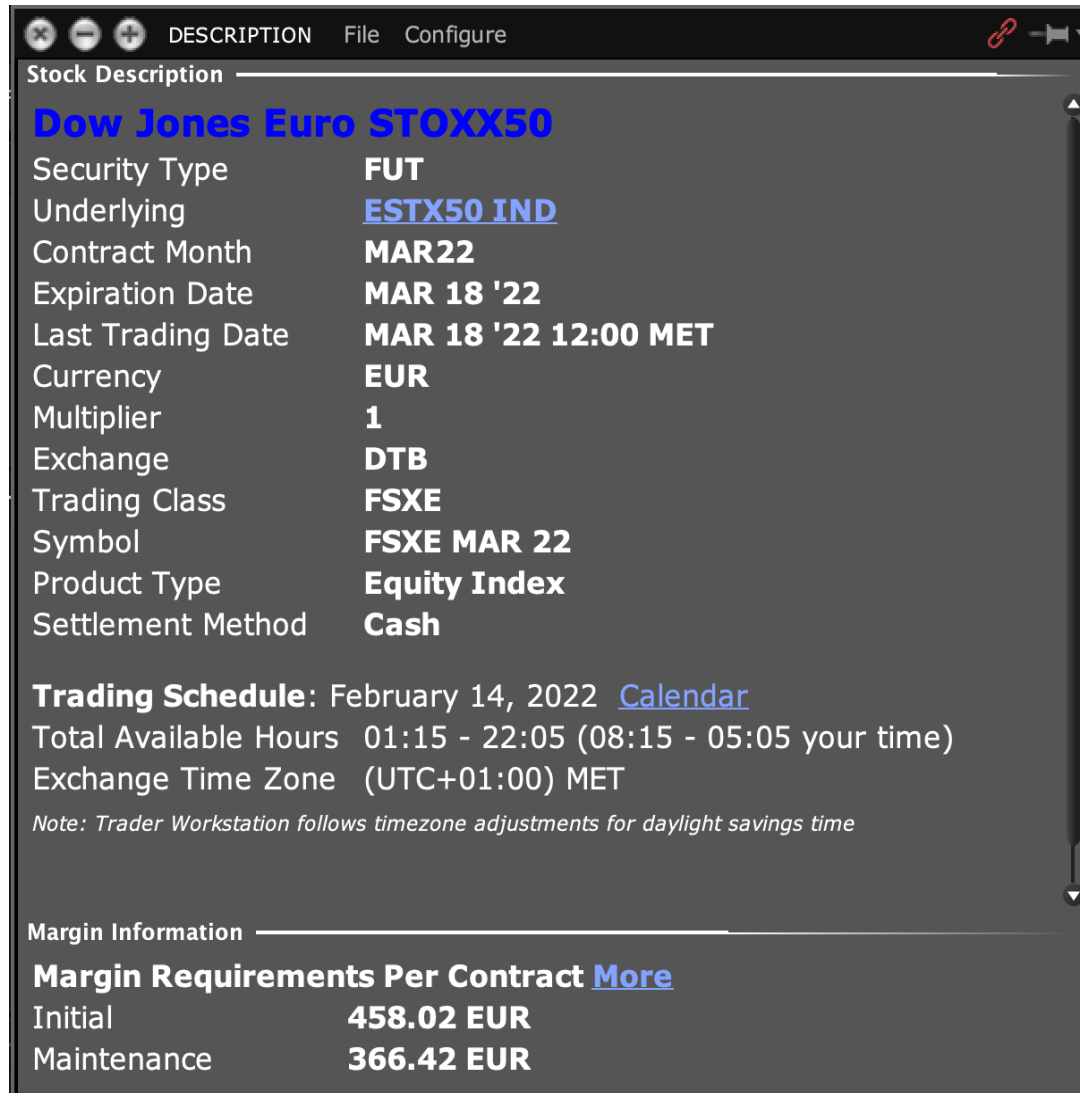
Futures Spreads

Multiplier 1 ▼

- 10
- 1

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Right Click > Financial Instrument Info > Description



The screenshot shows a window titled "DESCRIPTION" with a menu bar containing "File" and "Configure". The main content area is titled "Stock Description" and displays the following information:

Dow Jones Euro STOXX50

Security Type	FUT
Underlying	ESTX50 IND
Contract Month	MAR22
Expiration Date	MAR 18 '22
Last Trading Date	MAR 18 '22 12:00 MET
Currency	EUR
Multiplier	1
Exchange	DTB
Trading Class	FSXE
Symbol	FSXE MAR 22
Product Type	Equity Index
Settlement Method	Cash

Trading Schedule: February 14, 2022 [Calendar](#)
Total Available Hours 01:15 - 22:05 (08:15 - 05:05 your time)
Exchange Time Zone (UTC+01:00) MET
Note: Trader Workstation follows timezone adjustments for daylight savings time

Margin Information

Margin Requirements Per Contract [More](#)

Initial	458.02 EUR
Maintenance	366.42 EUR

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Sample ESTX50 Micro Futures Trade

✕ Order Confirmation
⌵

▼ Dow Jones Euro STOXX50 🔍

Financial Instrument	Bid	Ask	Last
ESTX50 ∞ Mar18'22 @DTB	♦ 4022.00	4028.00 ♦	♦ 4026.00

Order Description

BUY 1

Order Type LMT	Routing DTB	Time in Force DAY
Limit Price 4000.00	Clearing IB	

Messages

Amount

Amount	4,000 EUR
Commission (est.)	0.34 EUR
Total	4,000.34 EUR

Balances (in USD)

	Current	Change	Post-trade*
Equity with Loan	83,463	-0.39	83,463
Initial Margin	13,868	374	14,242
Maintenance Margin	10,765	299	11,064
Position	0	1	1

*This is a current projection and is subject to change.
[Margin Requirements Per Contract](#)

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Click on “ESTX50 Index” for Option Chain

PUT/CALLs (Side by Side) 3726.26 -14.84 (-0.40%) ?

FEB 17 '23 OESX 10 339 DAYS | MAR 17 '23 OESX 10 367 DAYS | JUN 16 '23 OESX 10 458 DAYS | MORE

TABBED VIEW PUT/CALL All STRIKES DTB TRADING CLASS 10 IV: 26.0%

CALLS						STRIKE	PUTS						
OPTN ...	VOLUME	BID	S...	BID x ASK	DELTA	ASK S...	OPTN ...	VOLUME	BID	S...	BID x ASK	DELTA	ASK S...
269		400		638.70 x 646.20	0.739	400	3200	51.7K	775		235.10 x 239.90	-0.261	400
102		300		602.80 x 609.90	0.724	400	3250	5.64K	375		249.60 x 254.30	-0.276	400
11.5K		300		567.80 x 575.00	0.708	400	3300	42.8K	375		264.50 x 269.50	-0.292	400
1		325		533.50 x 541.00	0.691	400	3350	1.99K	375		280.30 x 285.40	-0.309	400
		325		516.70 x 524.00	0.682	400	3375	4	775		288.50 x 293.70	-0.318	400
		325		500.10 x 507.10	0.674	400	3400	39.0K	1	400	297.00 x 302.20	-0.326	400
		400		467.50 x 474.40	0.655	400	3450	9.42K	400		314.60 x 320.00	-0.345	400
4.00K		400		435.70 x 442.60	0.637	400	3500	11.9K	1	400	332.70 x 338.50	-0.363	400
1.21K		400		404.90 x 411.60	0.617	400	3550	1.51K	400		351.80 x 357.80	-0.383	400
6.30K		400		375.20 x 381.60	0.597	400	3600	10.3K	350		371.60 x 377.80	-0.403	400
213		350		346.10 x 352.50	0.576	400	3650	31.5K	400		392.80 x 399.30	-0.424	400
7.69K		350		318.20 x 324.50	0.554	400	3700	23.2K	350		414.60 x 421.40	-0.446	400
		350		291.50 x 297.50	0.532	400	3750	19.3K	750		437.70 x 444.90	-0.468	400
17.7K		350		265.90 x 271.90	0.509	400	3800	34.2K	400		462.10 x 469.40	-0.491	400
500		400		241.80 x 247.30	0.485	400	3850	2.57K	400		488.10 x 495.30	-0.515	400
13.6K		750		218.50 x 223.90	0.461	400	3900	33.3K	400		514.50 x 522.20	-0.539	400
1.05K		350		196.80 x 201.90	0.437	400	3950	6.20K	400		543.00 x 550.70	-0.563	400
27.5K		375		176.50 x 181.40	0.412	400	4000	33.1K	400		572.50 x 580.40	-0.588	400
5.68K		375		157.40 x 162.20	0.387	400	4050	7.00K	400		603.60 x 611.60	-0.613	400
10.4K		400		139.70 x 144.60	0.362	400	4100	26.3K	400		636.10 x 644.20	-0.638	400
10.2K		400		123.40 x 128.20	0.338	400	4150	26.9K	400		669.70 x 678.20	-0.662	400
22.0K		400		108.40 x 113.30	0.313	400	4200	42.0K	400		704.80 x 713.60	-0.687	400

OFF Strategy Builder

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Source: Interactive Brokers, TWS, 15 Mar 2022


ESTX50 Options listed out to almost 10 years

LAST TRADING DAY			
SEP 15 '23	OESX	10	
DEC 15 '23	OESX	10	
MAR 15 '24	OESX	10	
JUN 21 '24	OESX	10	
DEC 20 '24	OESX	10	
DEC 19 '25	OESX	10	
DEC 18 '26	OESX	10	
DEC 17 '27	OESX	10	
DEC 15 '28	OESX	10	
DEC 21 '29	OESX	10	
DEC 20 '30	OESX	10	
DEC 19 '31	OESX	10	

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Source: Interactive Brokers, TWS, 15 Mar 2022

Right Click > Financial Instrument Info > Description



The screenshot shows a window titled "DESCRIPTION" with a menu bar containing "File" and "Configure". The main content is titled "Stock Description" and lists the following details for the "Dow Jones Euro STOXX50":

Security Type	OPT
Underlying	ESTX50 IND
Contract Month	MAR23
Expiration Date	MAR 17 '23
Last Trading Date	MAR 17 '23 12:00 MET
Strike	3700
Right	Put
Currency	EUR
Multiplier	10
Exchange	DTB
Trading Class	OESX
Symbol	P OESX MAR 23 3700
Product Type	Equity Index
Settlement Method	Cash
Exercise Style	European

Trading Schedule: March 15, 2022 [Calendar](#)
Total Available Hours 09:00 - 17:30 (16:00 - 00:30 your time)

Margin Information

Margin Requirements Per Contract [More](#)

Initial (long)	100.00 %
Maintenance (long)	55.40 %
Initial (short)	7452.08 EUR
Maintenance (short)	2980.83 EUR

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Getting fancy with the option “Strategy Builder”

ESTX50 INDEX PUT/CALLS (Side by Side) 3729.43 -11.67 (-0.31%)

FEB 17 '23 OESX 10 339 DAYS | MAR 17 '23 OESX 10 367 DAYS | JUN 16 '23 OESX 10 458 DAYS | MORE

TABBED VIEW PUT/CALL All STRIKES DTB TRADING CLASS 10 IV: 26.5%

CALLS					PUTS					
OPTN ...	VOLUME	BID	ASK	DELTA	STRIKE	OPTN ...	VOLUME	BID	ASK	DELTA
		400	714.20 x 722.60	0.764	3100			400	207.20 x 211.90	-0.236
		400	677.10 x 685.30	0.750	3150	16.0K		400	220.10 x 224.90	-0.250
269		400	640.60 x 648.40	0.735	3200	51.7K		400	233.70 x 238.50	-0.265
102		400	604.80 x 612.50	0.719	3250	5.64K		400	248.00 x 252.90	-0.281
11.5K		400	569.80 x 577.40	0.703	3300	42.8K		400	263.00 x 268.00	-0.297
1		400	535.50 x 543.00	0.686	3350	1.99K		400	279.00 x 284.10	-0.314
		400	518.70 x 526.40	0.677	3375	4		400	287.10 x 292.10	-0.323
		400	502.00 x 509.70	0.669	3400	39.0K	1	400	295.30 x 300.60	-0.331
		400	469.30 x 476.90	0.650	3450	9.42K		400	312.60 x 318.10	-0.350

Strategy Builder Strategies

ACTN	RT	LST TRD DAY	STRIKE	TYPE	DELTA	THETA	BID/ASK	SIZE	PAYOFF
Buy	1	MAR 17 '23	3700	Put	-0.452	-0.524	412.80 x 419.50	400 x 400	Delayed
Sell	2	MAR 17 '23	3200	Put	-0.265	-0.509	233.70 x 238.50	400 x 400	Delayed
Total					0.078	0.495	-64.2 x -47.9	200 x 200	Delayed

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Source: Interactive Brokers, TWS, 15 Mar 2022

Micro futures

- Must roll "quarterly"
- Micro size available
- 1:1 exposure to downside vs upside
- Daily margin settlement
- Smaller lot sizes
- Withholding / Estate taxes

Index options

- Can buy longer term
- No micro (yet)
- Custom payoff profile with specific limits & ratios
- When buying, pay 100% up-front and be done. When selling, margin calls when limits hit
- Larger lot

Sample Futures Trade

- Buy 1x ESTX50 (~€3,700), or vice versa
- Long can lose €3,700 if index goes to zero, short can lose ∞ if index goes to ∞ .
- “Roll” every 3-6 months

Sample Option Trade

- Buy (or sell) 1x ESTX50 17 March 2023 put 3500 at a price of 350.
- Buyer pays €3,500 premium (price x 10), seller receives it.
- Max loss of buyer is the €3,500 premium, max loss of seller is €31,500 (35,000 – 3,500), at expiry.

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Instrument 3: VSTOXX®


What is the VSTOXX®

- The main volatility benchmarks measure the “market price” for how much the stock index will wiggle¹ over the following 30 days (constant rolling window).
- VSTOXX® does this for EURO STOXX® 50 as the VIX does for S&P 500
- Widely watched as “fear barometer”
- VSTOXX futures point to the value of the index on the futures expiry date, so are very specific to the 30-day period following that expiry date.

¹Annualized standard deviation of “daily returns”

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Right Click > Financial Instrument Info > Description



The screenshot shows a window titled "DESCRIPTION" with a "File" and "Configure" menu. The main content is titled "Stock Description" and displays the following information:

VSTOXX Volatility Index

Security Type	FUT
Underlying	V2TX IND
Contract Month	SEP22
Expiration Date	SEP 21 '22
Last Trading Date	SEP 21 '22 12:00 MET
Currency	EUR
Multiplier	100
Exchange	DTB
Trading Class	FVS
Symbol	FVS SEP 22
Product Type	Equity Index Volatility
Settlement Method	Cash

Trading Schedule: February 15, 2022 [Calendar](#)
Total Available Hours 01:15 - 22:00 (08:15 - 05:00 your time)
Exchange Time Zone (UTC+01:00) MET
Note: Trader Workstation follows timezone adjustments for daylight savings time

Margin Information

Margin Requirements Per Contract [More](#)

Initial (long)	1020.58 EUR
Maintenance (long)	610.00 EUR
Initial (short)	1543.11 EUR
Maintenance (short)	922.32 EUR


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Sample VIX vs VSTOXX® Quotes, 15 March 2022

		LAST	CHANGE	
V2TX INDEX	◆	42.01	+1.37	3.37%
V2TX Mar15'22 @DTB	◆	42.55	+2.60	6.51%
V2TX Apr20'22 @DTB	◆	34.85	+1.15	3.41%
V2TX May18'22 @DTB	◆	33.15	+0.70	2.16%
V2TX Jun15'22 @DTB	◆	31.75	+0.85	2.75%
V2TX Jul20'22 @DTB	◆	30.65	+0.60	2.00%
V2TX Aug17'22 @DTB	◆	30.10	+0.75	2.56%
V2TX Sep21'22 @DTB	◆	c28.65		

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For comparison: V2TX Futures on 22 Oct 2021

	LAST	CHANGE	VLM
V2TX INDEX	◆ 16.17	-0.58 -3.46%	1.23K
V2TX Nov17'21 @DTB	◆ 19.55	-0.45 -2.25%	4.28K
V2TX Dec22'21 @DTB	◆ 20.40	-0.35 -1.69%	1.22K
V2TX Jan19'22 @DTB	◆ 21.70	-0.35 -1.59%	211
V2TX Feb16'22 @DTB 	◆ 22.25	-0.15 -0.67%	185
V2TX Mar15'22 @DTB	◆ c24.10		
V2TX Apr20'22 @DTB	◆ c24.35		
V2TX May18'22 @DTB	◆ c24.10		
V2TX Jun15'22 @DTB	◆ c0.00		

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Source: Interactive Brokers

3rd VSTOXX Spike in Macron's Term Nothing to do with Macron

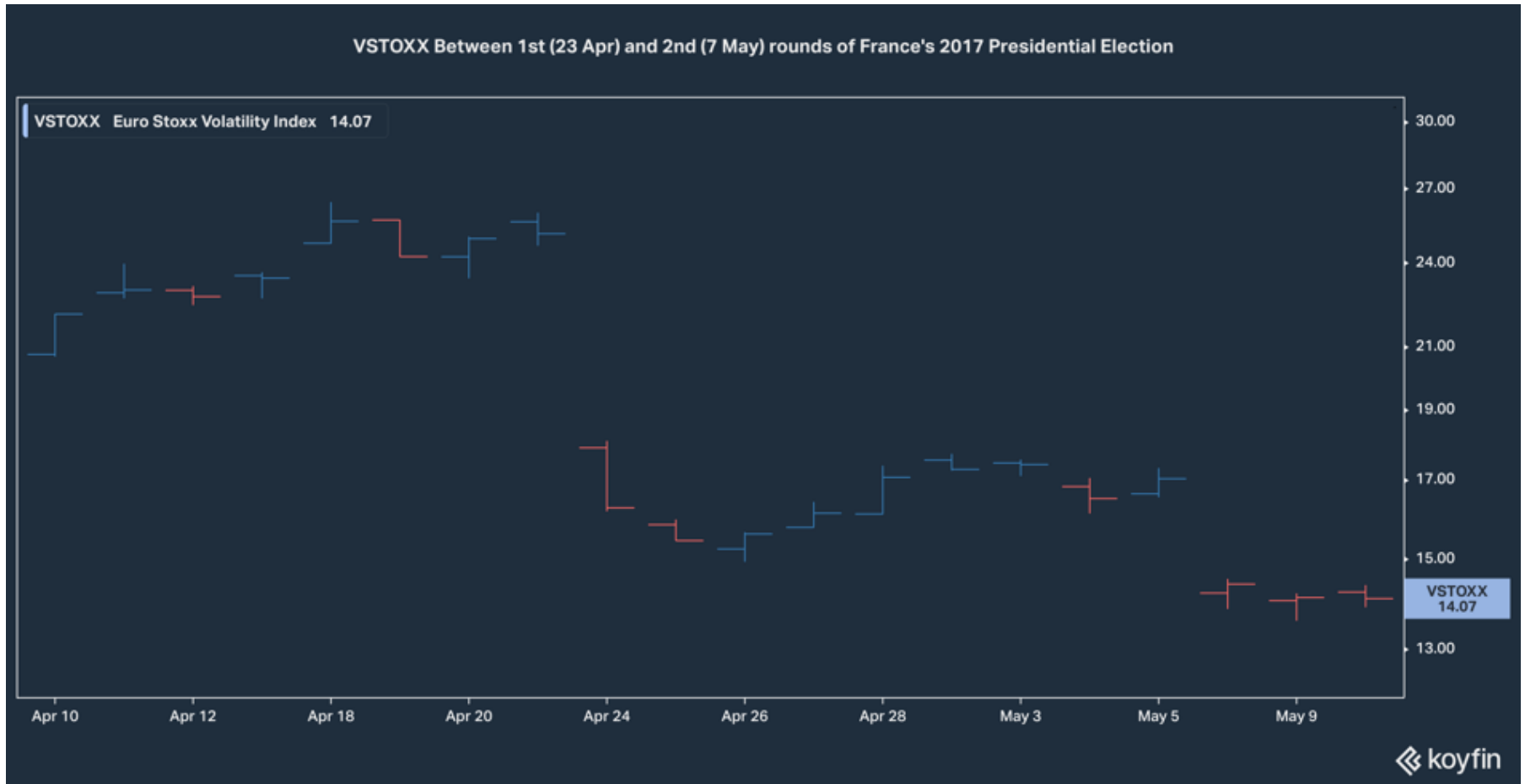


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Source: Koyfin



How VSTOXX reacted to the 2017 election



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Source: Koyfin



Sample Outright Trade

- Buy (or Sell) 1x July VSTOXX® future, with a view on whether things will calm down by summer
- Choice of month is important, consider curves
- “Roll” as futures expire, if needed

Risks

- Choosing the wrong maturity; being early or late can be as bad as being wrong
- Easy to lose >100% on the short leg
- Easy to lose large percentages to roll yield on the long leg

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