



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	83,39%	11,84%	100,00%	0,00%	100,00%
Wilsons Advis.& Stockbrok. (213800WHBEMCI8A1YX25)	15,20%	85,47%	100,00%	0,00%	100,00%
Robotti Securities, LLC (2549002YOBTNZ00I4L93)	1,41%	2,69%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	92,87%	39,95%	100,00%	0,00%	100,00%
Wilson's Advis.& Stockbrok. (213800WHBEMCI8A1YX25)	3,18%	54,87%	100,00%	0,00%	100,00%
Robotti Securities, LLC (2549002YOBTNZ00I4L93)	1,50%	0,43%	100,00%	0,00%	100,00%
TP ICAP Europe SA (213800R54EFFINMY1P02)	1,23%	0,28%	100,00%	0,00%	100,00%
Optiver V.O.F. (7245009KRY SAYB2QCC29)	0,29%	0,03%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	86,41%	95,25%	100,00%	0,00%	100,00%
Baader Bank AG (529900JFOPPEDUR61H13)	6,85%	0,19%	100,00%	0,00%	100,00%
TP ICAP Europe SA (213800R54EFFINMY1P02)	3,72%	3,87%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	2,11%	0,19%	100,00%	0,00%	100,00%
Goldman Sachs Bank Europe (8IBZUGJ7JPLH368JE346)	0,45%	0,23%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size liquidity band E and liquidity band F

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	67,24%	97,12%	100,00%	0,00%	100,00%
Jefferies GmbH (5493004I3LZM39BWHQ75)	20,08%	0,98%	100,00%	0,00%	100,00%
Baader Bank AG (529900JFOPPEDUR61H13)	8,99%	0,32%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	2,77%	0,12%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	0,40%	0,14%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AB99
Equity instruments- Shares and share certificates

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AB99
Equity instruments- Shares and share certificates

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	99,74%	69,33%	100,00%	0,00%	100,00%
Wilsons Advis.& Stockbrok. (213800WHBEMCI8A1YX25)	0,26%	30,67%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AB99
Equity instruments- Shares and share certificates

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	93,09%	97,53%	100,00%	0,00%	100,00%
Oddo BHF SCA (9695002I9DJHZ3449O66)	6,91%	2,47%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AC99
Exchange traded products (ETPs)Exc

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Flow Traders B V (549300CLJI9XDH12XV51)	37,11%	41,31%	100,00%	0,00%	100,00%
Jane Street Financial Ltd. (549300ZHEHX8M31RP142)	19,10%	22,11%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	13,03%	8,58%	100,00%	0,00%	100,00%
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	11,28%	9,21%	100,00%	0,00%	100,00%
Optiver V.O.F. (7245009KRY SAYB2QCC29)	10,15%	10,52%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AC99
Exchange traded products (ETPs)Exc
Tick Size liquidity band A and liquidity band B
Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Optiver V.O.F. (7245009KRYSAYB2QCC29)	37,27%	44,09%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	36,50%	40,24%	100,00%	0,00%	100,00%
Flow Traders B V (549300CLJ9XDH12XV51)	23,96%	14,25%	100,00%	0,00%	100,00%
Jane Street Financial Ltd. (549300ZHEHX8M31RP142)	2,27%	1,42%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AD99
other instruments

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	91,45%	90,99%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	6,66%	6,98%	100,00%	0,00%	100,00%
()	0,96%	1,07%	100,00%	0,00%	100,00%
Oddo BHF SCA (9695002I9DJHZ3449O66)	0,93%	0,96%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AE99
other instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AE99
other instruments

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument AE99
other instruments

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II
professional clients
financial year 2024

Class of Instrument BA10
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Bk Ffm (7LTFZYICNSX8D621K86)	12,16%	12,06%	100,00%	0,00%	100,00%
Citigroup Global Markets EU (6TJCK1B7E7UTXP528Y04)	9,72%	9,29%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	8,90%	9,33%	100,00%	0,00%	100,00%
HSBC Continental Europe SA (F0HUI1NY1AZMJMD8LP67)	7,99%	7,17%	100,00%	0,00%	100,00%
BofA Securities Europe SA (549300FH0WJAPEHTIQ77)	7,52%	7,46%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BA11
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Bk Ffm (7LTFZYICNSX8D621K86)	28,83%	28,12%	100,00%	0,00%	100,00%
Nomura Financial Products (5493002XYZZ0CGQ6CB58)	13,14%	12,23%	100,00%	0,00%	100,00%
HSBC Continental Europe SA (F0HUI1NY1AZMJMD8LP67)	10,75%	10,55%	100,00%	0,00%	100,00%
Bco Bilbao Viz Arg Madr (K8MS7FD7N5Z2WQ51AZ71)	10,00%	9,67%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	6,66%	6,34%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BA13
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	19,58%	20,94%	100,00%	0,00%	100,00%
RBC Capital Markets Europe (549300SXSTGQY3EA1B18)	18,39%	13,18%	100,00%	0,00%	100,00%
ABN AMRO Bank N.V. (BFXS5XCH7N0Y05NIXW11)	12,43%	13,16%	100,00%	0,00%	100,00%
Landesbk Hessen-Thüri Ffm (DIZES5CFO5K3I5R58746)	12,39%	13,16%	100,00%	0,00%	100,00%
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	9,64%	10,17%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BA14
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
HSBC Continental Europe SA (F0HUI1NY1AZMJMD8LP67)	8,94%	8,23%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	8,34%	7,76%	100,00%	0,00%	100,00%
Jane Street Financial Ltd. (549300ZHEHX8M31RP142)	7,08%	7,40%	100,00%	0,00%	100,00%
BNP Paribas Paris (R0MUWSFPU8MPRO8K5P83)	6,39%	6,60%	100,00%	0,00%	100,00%
Goldman Sachs Bk Europe SE (8IBZUGJ7JPLH368JE346)	5,37%	5,58%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BA15
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
HSBC Continental Europe SA (F0HUI1NY1AZMJMD8LP67)	13,79%	10,92%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	12,20%	13,02%	100,00%	0,00%	100,00%
BofA Securities Europe SA (549300FH0WJAPEHTIQ77)	9,03%	8,82%	100,00%	0,00%	100,00%
Credit Agricole Corp & Inv (1VUV7VQFKUOQSJ21A208)	6,35%	6,57%	100,00%	0,00%	100,00%
BayernLB Mue (VDYMYTQGZZ6DU0912C88)	5,93%	6,62%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument	BB99 Structured financial products				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Lloyds Bk Corp.Markets GmbH (2138008P9NOMBRMROI73)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BD10
other derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BD21
Equity derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BD24
 Currency derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year N

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument	BD99 other derivatives				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BE21
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BE99
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Wells Fargo Securities Euro (549300AQW00F7S8JFF80)	39,10%	29,36%	100,00%	0,00%	100,00%
Citigroup Global Markets EU (6TJCK1B7E7UTXP528Y04)	25,78%	29,36%	100,00%	0,00%	100,00%
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	25,75%	29,36%	100,00%	0,00%	100,00%
UBS Europe SE (5299007QVIQ7IO64NX37)	9,30%	11,75%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	0,05%	0,08%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument BF99
 Exchange traded products (ETPs)

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument C999
no specific classification

Tick Size not used

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Wilsons Advis.& Stockbrok. (213800WHBEMCI8A1YX25)	75,23%	97,58%	100,00%	0,00%	100,00%
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	24,77%	2,42%	100,00%	0,00%	100,00%



Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument C999
no specific classification

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed in the previous year Y

Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Morgan Stanley Europe SE (54930056FHWP7GIWYY08)	100,00%	100,00%	100,00%	0,00%	100,00%



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Top 5 intermediaries reporting regarding MIFID II professional clients financial year 2024

Class of Instrument	CA99				
	Debt instruments				
Tick Size	not used				
Information on whether an average of < 1 trade per business day was executed in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Soc Gen Paris (O2RNE8IBXP4R0TD8PU41)	20,27%	21,27%	100,00%	0,00%	100,00%
DZ Bank AG (529900HNOAA1KXQJUQ27)	13,46%	14,13%	100,00%	0,00%	100,00%
J P Morgan SE FFM (549300ZK53CNGEEI6A29)	10,77%	11,30%	100,00%	0,00%	100,00%
Nomura Financial Products (5493002XYZZ0CGQ6CB58)	8,45%	7,89%	100,00%	0,00%	100,00%
Banco Santander S A (5493006QMFDDMYWIAM13)	7,23%	7,64%	100,00%	0,00%	100,00%