

MAINFIRST



RTS REPORT 2021 | 1

MAINFIRST AFFILIATED
FUND MANAGERS (DEUTSCHLAND)
GMBH

2021

Version 1.0

1 Summary

Execution Quality Summary according to Article 3 (3) of the Commission Delegated Regulation (EU) 2017/576 (“RTS 28”) and Article 65 (6) of the Commission Delegated Regulation (EU) 2017/565

Period 01.01.2021 – 31.12.2021

Valid for all Instrument Classes MAINFIRST (Asset Management) trades

The MiFID II regulations¹ require investment firms to publish on an annual basis information about the quality of its execution practices. MAINFIRST Affiliated Fund Managers (Deutschland) GmbH (“MAINFIRST”) wants to give herewith its summary information and conclusions as required by RTS 28, Art 3 (3) and Article 65 (6). The summarized presentation in accordance with MiFID II covers all asset classes that MAINFIRST trades. In addition, for reporting purposes, MAINFIRST also consolidates a review of orders executed indirectly via third parties in 2021.

(a) Explanation of the relative importance the firm gave to the execution factors of price, costs, speed, likelihood of execution or any other consideration including qualitative factors when assessing the quality of execution:

MAINFIRST’s Best Execution Policy sets out the approach to provide the best possible result when accepting an order and executing a transaction for Professional Clients as required according to the Markets in Financial Instruments Directive 2014/65/EU, related RTS respective national law and additional guidance by national regulatory bodies (together “MiFID II”).

MAINFIRST has taken during the reporting period all sufficient steps to execute such transactions in financial instruments on terms most favourable to clients on a consistent basis (“Best Execution” or “Best Execution obligation”). Similarly, MAINFIRST has monitored on a regular basis not only the execution quality obtained but also the quality and appropriateness of its execution arrangements and policies on an ex ante and ex post basis to identify circumstances under which changes might have been appropriate.

MAINFIRST has considered the following range of factors to be important to fulfil its Best Execution as follows:

- (1) price and costs;
- (2) speed and likelihood of execution and settlement
- (3) general quality of execution
- (4) size of the transaction
- (5) nature of the transaction

The individual importance of the Best Execution factors may have varied, when executing orders (especially when ISDAs are required).

MAINFIRST had during the reporting period the necessary procedures and arrangements in place as well as an appropriate valuation system. MAINFIRST has routinely taken into account external market data and externally verifiable reference prices (where available) to ensure the fairness of the price for its transactions.

¹ Markets in Financial Instruments Directive 2014/65/EU (MiFID II) together with the Commission Delegated Regulation (EU) 2017/575 (formerly “RTS 28”) and Article 65 (6) of the Commission Delegated Regulation (EU) 2017/565 (“Article 65 (6)”)

(b) A description of any close links, conflicts of interests, and common ownerships with respect to any execution venues used to execute orders:

MAINFIRST acts fully independent. To ensure this, orders are generally executed by the Trading Desk at MAINFIRST Affiliated Fund Managers S.A.

(c) A description of any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits received:

MAINFIRST operates with every broker on the basis of the counterparty's respective standard terms of business. MAINFIRST does not and did not receive any remuneration, discount or any non-monetary benefit for routing an order to a particular regulated market place, trading venue or broker based on inducement rules as stated in the MAINFIRST GROUP Code of Conduct.

(d) An explanation of the factors that led to a change in the list of execution venues listed in the firm's execution policy, if such a change occurred:

When executing a transaction for the client the venue(s) will be chosen by taking into account the following factors in order to obtain the best possible result on a consistent basis:

- (1) Costs
- (2) Performance and likelihood of execution
- (3) Settlement risk
- (4) Infrastructure and operational stability

MAINFIRST has regularly assessed the market landscape to determine whether or not there were alternative execution venues / brokers.

In light of the upcoming MiFID II regulation MAINFIRST reviewed in 2021 the access to all important liquidity sources. There have been material changes in the list of Venues and Brokers MAINFIRST is directly connected to: To ensure that regulatory reporting is supported by the counterparts, the broker list was reduced. Still, with its network of various global Brokers MAINFIRST can similarly access all markets and venues to achieve best execution to the benefit of its clients. MAINFIRST has made sure that it is able to access all important liquidity venues under MiFID II in the future.

(e) An explanation of how order execution differs according to client categorisation, where the firm treats categories of clients differently and where it may affect the order execution arrangements;

MAINFIRST acts as portfolio manager. All MAINFIRST clients are treated equally in terms of execution arrangements.

- (f) An explanation of whether other criteria were given precedence over immediate price and cost when executing retail client orders and how these other criteria were instrumental in delivering the best possible result in terms of the total consideration to the client;**

N/A – MAINFIRST does not carry out any business with retail clients

- (g) An explanation of how the investment firm has used any data or tools relating to the quality of execution, including any data published under Commission Delegated Regulation (EU) 2017/575 (RTS 27)**

MAINFIRST operates, amongst other systems, a Transaction Cost Analysis (TCA) system to monitor and evaluate the execution quality and broker performance on an ongoing basis. A daily review of orders against their respective benchmarks is conducted, while a committee has oversight on a monthly basis.

- (h) Where applicable, an explanation of how the investment firm has used output of a consolidated tape provider established under Article 65 of Directive 2014/65/EU.**

N/A – there is no consolidated tape established yet.

Table 1 Broker					
Type	Retail				
Class of Instrument	Currency Derivatives: Swaps, Forwards and Other Currency Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Currency Derivatives: Swaps, Forwards and Other Currency Derivatives				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
SVY0KHTJZBP60K295346	51.626944	25.535002	0	100	0
K6Q0W1PS1L104IQL9C32	34.619194	72.43380500000001	15.348022	84.651978	0
PICG	6.728612	0.8161040000000001	0	100	0
JPXA	6.29958	0.326442	0	100	0
PICGFUHT	0.506051	0.054407	0	100	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Currency Derivatives: Swaps, Forwards and Other Currency Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Debt Instruments: Bonds				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Debt Instruments: Bonds				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
549300FHOWJAPEHTIQ77	10.470692	6.551889	0	94.890511	0
XKZZ2JZF41MRHTR1V493	9.195335999999999	8.177905000000001	0	96.49122800000001	0
JPFI	6.469007	5.595409	0	99.14529899999999	0
549300WOIFUSNYH0FL22	5.127921	5.834529	0	99.180328	0
8IBZUGJ7JPLH368JE346	4.865707	4.638929	0	98.969072	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Debt Instruments: Bonds				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Debt Instruments: Money Markets				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Debt Instruments: Money Markets				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Broker					
Type	SFT				
Class of Instrument	Debt Instruments: Money Markets				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
529900HNOAA1KXQUJQ27	65.87235800000001	60	N/A	N/A	N/A
BNPFI	30.918699	20	N/A	N/A	N/A
NOLAFI	1.750478	10	N/A	N/A	N/A
CBKFI	1.458465	10	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Equities - Shares and Depositary Receipts				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Equities - Shares and Depositary Receipts				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
K6QOW1PS1L1O4IQL9C32	29.230833	42.767961	0	100	0
DZPBFO	22.005591	0.460269	0	100	0
HSBC	19.565014	34.763517	87.140466	12.859534	0
METFFO	8.558026999999999	0.037033	0	100	0
KEP	4.555904	5.115861	100	0	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Equities - Shares and Depositary Receipts				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
8IBZUGJ7JPLH368JE346	18.638848	6.779	59.968051	40.031949	0
549300WOIFUSNYH0FL22	13.061938	0.7342109999999999	0	100	0
549300FUIA0ED27T8B38	10.014052	8.899333	66.488197	33.511803	0
54930049G8WQ50OUSD19	8.225529999999999	18.041237	23.733493	76.266507	0
JEFI	7.364009	9.746167	49.733333	50.266667	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
549300WOIFUSNYH0FL22	26.450079	2.57964	0	100	0
549300FUIAOD27T8B38	14.771945	29.130886	75.66860800000001	24.331392	0
549300FH0WJAPHTIQ77	12.025597	10.26662	79.67959500000001	20.320405	0
8IBZUGJ7JPLH368JE346	5.517319	11.057825	67.43385000000001	32.56615	0
54930049G8WQ50OUSD19	5.232173	15.867382	63.982542	36.017458	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Equities - Shares and Depository Receipts: Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Equities - Shares and Depository Receipts: Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ATEQ	9.289223	8.348357999999999	75.628845	24.371155	0
8IBZUGJ7JPLH368JE346	9.2453	8.752969999999999	65.21097	34.78903	0
549300FUIAOED27T8B38	8.416477	11.749825	74.446889	25.553111	0
549300WOFUSNYH0FL22	7.918817	0.668763	0	100	0
K6Q0W1PS1L1O4IQL9C32	7.412717	6.66457	8.582363000000001	91.417637	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Equities - Shares and Depository Receipts: Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Equity Derivatives: Futures and Options Admitted to Trading on a Trading Venue				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Equity Derivatives: Futures and Options Admitted to Trading on a Trading Venue				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
K6QOW1PS1L1O4IQL9C32	59.219363	68.57142899999999	41.666667	58.333333	0
GSFO	29.332935	11.428571	100	0	0
PICG	9.427182	17.142857	0	100	0
PICGOPHT	2.02052	2.857143	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Broker					
Type	SFT				
Class of Instrument	Equity Derivatives: Futures and Options Admitted to Trading on a Trading Venue				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Equity Derivatives: Swaps and Other Equity Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Equity Derivatives: Swaps and Other Equity Derivatives				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
K6QOW1PS1L1O4IQL9C32	51.145451	92.542551	83.409177	16.590823	0
JPXA	36.086758	3.351465	0	100	0
549300FUIA0ED27T8B38	3.792335	1.403755	7.5	92.5	0
PICG	3.614081	1.772241	0	100	0
GSFO	3.020368	0.333392	15.789474	84.210526	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Equity Derivatives: Swaps and Other Equity Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBSETF	30.984979	8.350101	0	100	0
CSSETF	16.833531	3.118712	0	100	0
BARCETF	7.335231	3.118712	0	100	0
MSETF	7.281352	2.615694	0	100	0
CSSLT	6.745922	1.609658	0	100	0

Table 3 Broker					
Type	SFT				
Class of Instrument	Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Broker					
Type	Retail				
Class of Instrument	Interest Rate Derivatives: Swaps, Forwards and other Interest Rate Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Broker					
Type	Professional				
Class of Instrument	Interest Rate Derivatives: Swaps, Forwards and other Interest Rate Derivatives				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
K6Q0W1PS1L104IQL9C32	94.420659	98.602794	72.267206	27.732794	0
SVY0KHTJZBP60K295346	4.418205	0.798403	0	100	0
549300FUIA0ED27T8B38	1.161136	0.5988019999999999	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Broker					
Type	SFT				
Class of Instrument	Interest Rate Derivatives: Swaps, Forwards and other Interest Rate Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Currency Derivatives: Swaps, Forwards and Other Currency Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Currency Derivatives: Swaps, Forwards and Other Currency Derivatives				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
FXGO	100	100	0	86.483391	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Venue					
Type	SFT				
Class of Instrument	Currency Derivatives: Swaps, Forwards and Other Currency Derivatives				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Debt Instruments: Bonds				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Debt Instruments: Bonds				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BTFE	92.827012	88.84943199999999	0	10.791367	0
MANL	6.968259	10.866477	0	43.79085	0
INGB	0.150834	0.213068	0	100	0
BMTF	0.053895	0.071023	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Venue					
Type	SFT				
Class of Instrument	Debt Instruments: Bonds				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Debt Instruments: Money Markets				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Debt Instruments: Money Markets				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BTFE	100	100	N/A	N/A	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Venue					
Type	SFT				
Class of Instrument	Debt Instruments: Money Markets				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
GSEI	47.134012	0.113507	0	100	0
BGSI	28.908021	0.113507	0	100	0
XSWX	15.771618	38.933031	81.34110800000001	18.658892	0
JPEU	2.762762	0.794552	0	100	0
CHIX	2.432801	24.177072	93.896714	6.103286	0

Table 3 Venue					
Type	SFT				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BGSI	48.45479	1.071081	0	100	0
CGET	25.539133	0.194742	0	100	0
CEUO	17.213759	0.097371	0	100	0
XETA	3.130938	14.118793	0	100	0
XETR	1.156592	25.413827	48.659004	51.340996	0

Table 3 Venue					
Type	SFT				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
HBFR	24.024544	0.073883	0	100	0
EXSE	22.338387	0.073883	0	100	0
GSEI	12.73945	0.073883	0	100	0
XETR	9.595166000000001	36.904322	87.987988	12.012012	0
UBSY	5.454024	0.036941	0	100	0

Table 3 Venue					
Type	SFT				
Class of Instrument	Equities - Shares and Depositary Receipts: Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 1 Venue					
Type	Retail				
Class of Instrument	Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 2 Venue					
Type	Professional				
Class of Instrument	Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if <1 average trade per business day 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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BTFE	100	100	0	100	0
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A

Table 3 Venue					
Type	SFT				
Class of Instrument	Exchange Traded Products (Exchange Traded Funds, Exchange Traded Notes and Exchange Traded Commodities)				
Notification if <1 average trade per business day in the previous year	N/A				
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)	N/A	N/A	N/A	N/A	N/A