

# Report on the execution quality of client orders

Raiffeisen Centrobank AG („RCB“) is publishing this report on the execution quality of orders executed on behalf of retail clients and professional clients during the calendar year 2018:

## Description of the importance of execution criteria

RCB has issued an execution policy for client orders which regulates the relative importance of the execution criteria, in particular the price of the financial instrument, the costs related to the execution of the order, the speed and likelihood of execution and settlement and the size and nature of the order.

When executing orders on behalf of retail and professional clients the best possible result shall primarily be determined on the basis of the total consideration. The total consideration comprises the price of the financial instrument and any other costs related to the execution of the order. Excluded are other costs charged directly to the client by third parties (e.g. custody costs). Subject to the criterion of total consideration the likelihood of execution, the speed of execution and likelihood of settlement are execution criteria which are also taken into account.

This determination of the relative importance of execution criteria applies to all types of financial instruments.

For further information on the execution policy of RCB and the relevant factors for determining the relative importance of execution criteria please refer to the brochure “Information on the Execution Policy” which is available for download at [www.rcb.at](http://www.rcb.at).

## Changes to execution venues and intermediaries

RCB is monitoring the execution quality on an ongoing basis and regularly reviewing, at least annually, the adequacy of the execution policy as well as the selected execution venues and intermediaries to ensure the best possible result for clients on a consistent basis when executing client orders.

In the course of the regular reviews both qualitative as well as quantitative criteria are assessed. In particular, the results of the ongoing monitoring, the likelihood of execution and settlement, local market knowledge of intermediaries, customer complaints received and loss events occurred will be analyzed and assessed for each execution venue and intermediary. To the extent necessary separate assessments will be made for specific types of financial instruments. Based on these criteria an overall assessment is made which serves as the basis for a decision on the adequacy of execution channels and the respective execution venues and intermediaries.

During the reporting period no material changes were implemented in relation to execution channels, execution venues or intermediaries.

## Close links, conflicts of interests and common ownerships with respect to any execution venues

RCB has issued guidelines for conflicts of interests handling. These guidelines aim at preventing potential or actual conflicts of interests which are detrimental to the client's interest. For further information on the measures implemented by RCB to identify and manage conflicts of interests please refer to the brochure “General Information on Investment Business and Payment Services” which is available for download at [www.rcb.at](http://www.rcb.at).

Close links exist to the following execution venues:

Raiffeisen Bank International AG, the indirect sole shareholder of RCB, is holding approximately 6.97% of the shares in CEESG Aktiengesellschaft. CEESG Aktiengesellschaft is holding 100% of the shares in Wiener Börse AG (Vienna Stock Exchange) and 99.36% of the shares in Burza cennych papiru Praha, a. s. (Praha Stock Exchange).

The chairman of the management board of RCB Wilhelm Celeda is a member of the supervisory board of CEESG Aktiengesellschaft and the Wiener Börse AG. The Head of the Structured Products department Heike Arbter is a member of the Exchange Council of the Stuttgart Stock Exchange.

## Other material arrangements with execution venues

RCB has neither entered into any agreements with execution venues relating to, or otherwise accepted or provided discounts, rebates or other non-monetary benefits for the transmission of client orders, which are in conflict with the conflict of interests or inducement provisions pursuant to Directive 2014/65/EU.

## Use of data and IT tools

RCB is automatically monitoring the execution quality of all orders executed on behalf of retail clients and professional clients using historical market data. For such purpose the actual execution price is checked against the prevailing market prices on alternative execution venues at the time of execution. All client orders in any type of financial instrument either directly executed by RCB or transmitted to intermediaries for execution are subject to this monitoring process

Publications pursuant to Delegated Regulation (EU) 2017/575 were not used by RCB for such purpose during the reporting period.

**Use of information provided by consolidated tape provider**

RCB did not use any data services of a consolidated tape provider for the purposes of the execution of or monitoring of the execution quality of client orders.

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<b>Class of Instrument</b>	<b>EK1 - Equities - Tick size liquidity bands 5 and 6</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	49,54%	53,64%	14,58%	14,09%	0,00%
<b>XETRA -&gt; XETR</b>	43,43%	29,15%	9,77%	24,54%	0,00%
<b>WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET -&gt; XWAR</b>	6,05%	16,04%	2,87%	1,93%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	0,96%	0,68%	0,00%	0,00%	0,00%
<b>EUREX DEUTSCHLAND -&gt; XEUR</b>	0,03%	0,01%	0,01%	0,01%	0,00%

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for  
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<b>Class of Instrument</b>	<b>EK2 - Equities - Tick size liquidity bands 3 and 4</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	71,68%	68,44%	20,86%	25,69%	0,00%
<b>XETRA -&gt; XETR</b>	10,22%	6,16%	2,58%	5,61%	0,00%
<b>BUDAPEST STOCK EXCHANGE -&gt; XBUD</b>	8,25%	9,88%	3,69%	3,74%	0,00%
<b>PRAGUE STOCK EXCHANGE -&gt; XPRA</b>	3,51%	4,87%	1,44%	1,56%	0,00%
<b>WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET -&gt; XWAR</b>	3,03%	8,23%	1,53%	1,36%	0,00%

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for  
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<b>Class of Instrument</b>	<b>EK3 - Equities - Tick size liquidity bands 1 and 2</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
XETRA -> XETR	46,35%	32,25%	13,72%	22,29%	0,00%
WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -> XVIE	39,56%	39,85%	5,92%	7,53%	0,00%
LJUBLJANA STOCK EXCHANGE (OFFICIAL MARKET) -> XLJU	4,99%	2,81%	1,79%	1,92%	0,00%
DEUTSCHE BOERSE AG -> XFRA	4,25%	5,42%	0,00%	0,00%	0,00%
WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET -> XWAR	2,13%	12,34%	0,97%	1,03%	0,00%

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<b>Class of Instrument</b>	<b>ST1 - Debt instruments - Bonds</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	99,52%	98,23%	1,45%	6,63%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	0,47%	0,25%	0,00%	0,00%	0,00%
<b>XETRA -&gt; XETR</b>	0,02%	1,44%	0,00%	0,01%	0,00%
<b>BUDAPEST STOCK EXCHANGE -&gt; XBUD</b>	0,00%	0,03%	0,00%	0,00%	0,00%
<b>WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET -&gt; XWAR</b>	0,00%	0,03%	0,00%	0,00%	0,00%

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for  
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<b>Class of Instrument</b>	<b>ST2 - Debt instruments - Money markets instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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<b>Class of Instrument</b>	<b>ZD1 - Interest rates derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>EUREX DEUTSCHLAND -&gt; XEUR</b>	100,00%	100,00%	12,17%	87,83%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



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for  
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<b>Class of Instrument</b>	<b>ZD2 - Interest rates derivatives - Swaps, forwards, and other interest rates derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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for  
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<b>Class of Instrument</b>	<b>KD1 - credit derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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for  
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<b>Class of Instrument</b>	<b>KD2 - credit derivatives - Other credit derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

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for  
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<b>Class of Instrument</b>	<b>WD1 - currency derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
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<b>Class of Instrument</b>	<b>WD2 - currency derivatives - Swaps, forwards, and other currency derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

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<b>Class of Instrument</b>	<b>SP1 - Structured finance instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
for  
executed by

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<b>Class of Instrument</b>	<b>AD1 - Equity Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
EUREX DEUTSCHLAND -> XEUR	99,95%	98,23%	25,78%	73,50%	0,00%
XETRA -> XETR	0,05%	1,77%	0,00%	0,03%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
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<b>Class of Instrument</b>	<b>AD2 - Equity Derivatives - Swaps and other equity derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution venues  
for  
executed by

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<b>Class of Instrument</b>	<b>VD1 - Securitized Derivatives - Warrants and Certificate Derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	99,59%	93,97%	0,02%	0,62%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	0,21%	0,43%	0,00%	0,00%	0,00%
<b>XETRA -&gt; XETR</b>	0,19%	4,60%	0,02%	0,14%	0,00%
<b>EUREX DEUTSCHLAND -&gt; XEUR</b>	0,01%	0,08%	0,00%	0,01%	0,00%
<b>LJUBLJANA STOCK EXCHANGE (OFFICIAL MARKET) -&gt; XLJU</b>	0,00%	0,04%	0,00%	0,00%	0,00%

Information on the top five execution venues  
for  
executed by

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<b>Class of Instrument</b>	<b>VD2 - Securitized Derivatives - Other securitized derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	99,41%	98,81%	0,00%	0,16%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	0,58%	0,76%	0,00%	0,00%	0,00%
<b>XETRA -&gt; XETR</b>	0,01%	0,43%	0,00%	0,01%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
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professional clients  
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<b>Class of Instrument</b>	<b>RD1 - Commodities derivatives and emission allowances Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

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<b>Class of Instrument</b>	<b>RD2 - Commodities derivatives and emission allowances Derivatives - Other commodities derivatives and emission allowances derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

professional clients  
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<b>Class of Instrument</b>	<b>DG1 - Contracts for difference</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

professional clients  
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<b>Class of Instrument</b>	<b>BP1 - Exchange traded products</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
XETRA -> XETR	92,29%	86,65%	17,48%	69,76%	0,00%
WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -> XVIE	3,79%	10,63%	0,60%	0,28%	0,00%
DEUTSCHE BOERSE AG -> XFRA	3,32%	2,37%	0,00%	0,00%	0,00%
EUREX DEUTSCHLAND -> XEUR	0,60%	0,15%	0,03%	0,57%	0,00%
WARSAW STOCK EXCHANGE/ ETPS -> WETP	0,01%	0,12%	0,00%	0,01%	0,00%

Information on the top five execution venues  
 for professional clients  
 executed by Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>EZ1 - Emission allowances</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

professional clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>OZ1 - Other instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	61,15%	31,81%	26,92%	18,32%	0,00%
<b>XETRA -&gt; XETR</b>	16,88%	8,10%	3,75%	11,41%	0,00%
<b>BUDAPEST STOCK EXCHANGE -&gt; XBUD</b>	8,72%	8,81%	2,19%	5,95%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	5,77%	1,66%	0,00%	0,00%	0,00%
<b>WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET -&gt; XWAR</b>	4,57%	2,13%	3,33%	1,24%	0,00%



Information on the top five execution  
venues  
for  
executed by

professional clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>SI1 - Other instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>EUREX DEUTSCHLAND -&gt; XEUR</b>	91,46%	32,05%	26,44%	65,01%	0,00%
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	4,56%	18,99%	0,04%	0,02%	0,00%
<b>XETRA -&gt; XETR</b>	3,96%	47,87%	0,56%	3,00%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	0,03%	0,79%	0,00%	0,00%	0,00%
<b>WARSAW STOCK EXCHANGE/EQUITIES/MAIN MARKET -&gt; XWAR</b>	0,00%	0,10%	0,00%	0,00%	0,00%

Information on the top five execution venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>EK1 - Equities - Tick size liquidity bands 5 and 6</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
XETRA -> XETR	70,84%	47,72%	12,49%	53,19%	0,00%
WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -> XVIE	29,16%	52,28%	4,59%	20,29%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>EK2 - Equities - Tick size liquidity bands 3 and 4</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>SPOT REGULATED MARKET - BVB -&gt; XBSE</b>	86,10%	84,67%	59,46%	19,81%	0,00%
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	13,04%	14,37%	3,40%	9,62%	0,00%
<b>XETRA -&gt; XETR</b>	0,86%	0,96%	0,00%	0,86%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>EK3 - Equities - Tick size liquidity bands 1 and 2</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>SPOT REGULATED MARKET - BVB -&gt; XBSE</b>	64,43%	81,40%	55,54%	8,23%	0,00%
<b>LJUBLJANA STOCK EXCHANGE (OFFICIAL MARKET) -&gt; XLJU</b>	31,42%	15,12%	17,47%	4,81%	0,00%
<b>XETRA -&gt; XETR</b>	4,15%	3,49%	1,12%	3,03%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>ST1 - Debt instruments - Bonds</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>ST2 - Debt instruments - Money markets instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>ZD1 - Interest rates derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>ZD2 - Interest rates derivatives - Swaps, forwards, and other interest rates derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>KD1 - credit derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>KD2 - credit derivatives - Other credit derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>WD1 - currency derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>WD2 - currency derivatives - Swaps, forwards, and other currency derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>SP1 - Structured finance instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>AD1 - Equity Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>AD2 - Equity Derivatives - Swaps and other equity derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>VD1 - Securitized Derivatives - Warrants and Certificate Derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	98,83%	86,96%	0,00%	0,00%	0,00%
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	1,17%	13,04%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>VD2 - Securitized Derivatives - Other securitized derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>DEUTSCHE BOERSE AG -&gt; XFRA</b>	63,21%	60,00%	0,00%	0,00%	0,00%
<b>WIENER BOERSE AG, WERTPAPIERBOERSE (SECURITIES EXCHANGE) -&gt; XVIE</b>	36,79%	40,00%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>RD1 - Commodities derivatives and emission allowances Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

retail clients  
Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>RD2 - Commodities derivatives and emission allowances Derivatives - Other commodities derivatives and emission allowances derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>DG1 - Contracts for difference</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>BP1 - Exchange traded products</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
XETRA -> XETR	100,00%	100,00%	0,00%	100,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>EZ1 - Emission allowances</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>OZ1 - Other instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>SPOT REGULATED MARKET - BVB -&gt; XBSE</b>	100,00%	100,00%	67,85%	11,63%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

retail clients  
 Raiffeisen Centrobank AG

<b>Class of Instrument</b>	<b>SI1 - Other instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>EUREX DEUTSCHLAND -&gt; XEUR</b>	100,00%	100,00%	0,00%	100,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution venues  
 for professional clients  
 executed by intermediary

EK1 - Equities - Tick size liquidity bands 5 and 6					
Class of Instrument	EK1 - Equities - Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day in the previous year	Yes				
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
BAADER BANK AG, UNTERSCHLEISSHEIM/DE -> 529900JFOPPEDUR61H13	35,99%	3,25%	0,00%	0,00%	0,00%
JEFFERIES INT.LTD., LONDON/GB -> S5THZMDUJCTQZBTRVI98	29,43%	56,35%	10,77%	6,88%	0,00%
BANK VONTOBEL AG, ZUERICH/CH -> 549300L7V4MGECYRM576	15,94%	13,38%	0,40%	0,13%	0,00%
INVESTMENT TECHNOLOGY GROUP, DUBLIN/IE -> 213800EEC95PRUCEUP63	9,74%	21,29%	2,26%	2,50%	0,00%
KCG EUROPE LIMITED, LONDON/GB -> 549300346EFUPFCXJT79	6,05%	3,77%	0,00%	0,02%	0,00%

Information on the top five execution venues  
executed by

professional clients  
intermediary

<b>Class of Instrument</b>	<b>EK2 - Equities - Tick size liquidity bands 3 and 4</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
JEFFERIES INT.LTD., LONDON/GB -> S5THZMDUJCTQZBTRVI98	38,47%	66,33%	11,26%	11,78%	0,00%
BAADER BANK AG, UNTERSCHLEISSHEIM/DE -> 529900JFOPPEDUR61H13	34,59%	3,32%	0,00%	0,00%	0,00%
INVESTMENT TECHNOLOGY GROUP, DUBLIN/IE -> 213800EEC95PRUCEUP63	14,48%	18,53%	3,05%	3,86%	0,00%
BANK VONTOBEL AG, ZUERICH/CH -> 549300L7V4MGECYRM576	5,07%	3,74%	0,13%	0,19%	0,00%
KCG EUROPE LIMITED, LONDON/GB -> 549300346EFUPFCXJT79	2,99%	4,49%	0,01%	0,01%	0,00%

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>EK3 - Equities - Tick size liquidity bands 1 and 2</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	33,05%	44,47%	1,12%	2,89%	0,00%
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	30,37%	11,40%	0,00%	0,00%	0,00%
<b>SOC GENERALE, FRANKFURT/DE -&gt; O2RNE8IBXP4R0TD8PU41</b>	20,95%	10,58%	0,03%	0,03%	0,00%
<b>KCG EUROPE LIMITED, LONDON/GB -&gt; 549300346EFUPFCXJT79</b>	5,10%	15,43%	0,00%	0,00%	0,00%
<b>UBS SWITZERLAND AG, ZUERICH/CH -&gt; 549300WOIFUSNYH0FL22</b>	4,02%	10,11%	0,00%	0,00%	0,00%

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>ST1 - Debt instruments - Bonds</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	81,89%	76,15%	0,00%	0,00%	0,00%
<b>BANK VONTOBEL AG, ZUERICH/CH -&gt; 549300L7V4MGECYRM576</b>	9,81%	15,35%	0,00%	0,00%	0,00%
<b>ODDO SEYDLER BANK AG, FRANKFURT/MAIN -&gt; 529900CDDKNPWIAOP87</b>	3,87%	2,11%	0,00%	0,00%	0,00%
<b>ICF BANK AG WERTPAPIERHANDELSBANK,FRANKF -&gt; 529900E89HA1I45HB613</b>	3,21%	1,90%	0,00%	0,00%	0,00%
<b>BANKHAUS SCHEICH WERTPAPIERSPEZIALIST, F -&gt; 54930079HJ1JTMKTW637</b>	0,51%	0,22%	0,00%	0,00%	0,00%

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>ST2 - Debt instruments - Money markets instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

Class of Instrument	ZD1 - Interest rates derivatives - Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>ZD2 - Interest rates derivatives - Swaps, forwards, and other interest rates derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>KD1 - credit derivatives - Futures and options admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution  
venues  
for  
executed by

professional clients  
intermediary

<b>Class of Instrument</b>	<b>KD2 - credit derivatives - Other credit derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

Class of Instrument		WD1 - currency derivatives - Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year		No				
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	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	
-	-	-	-	-	-	

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>WD2 - currency derivatives - Swaps, forwards, and other currency derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

professional clients  
 intermediary

<b>Class of Instrument</b>	<b>SP1 - Structured finance instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>AD1 - Equity Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	86,52%	57,14%	0,00%	0,00%	0,00%
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	11,99%	28,57%	0,00%	0,00%	0,00%
<b>BANK VONTOBEL AG, ZUERICH/CH -&gt; 549300L7V4MGECYRM576</b>	1,48%	14,29%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for  
 executed by

professional clients  
 intermediary

<b>Class of Instrument</b>	<b>AD2 - Equity Derivatives - Swaps and other equity derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

VD1 - Securitized Derivatives - Warrants and Certificate Derivatives					
Class of Instrument	VD1 - Securitized Derivatives - Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
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
BAADER BANK AG, UNTERSCHLEISSHEIM/DE -> 529900JFOPPEDUR61H13	94,48%	91,53%	0,00%	0,00%	0,00%
BANK VONTOBEL AG, ZUERICH/CH -> 549300L7V4MGECYRM576	2,26%	0,56%	0,00%	0,00%	0,00%
0W2PZJM8XOY22M4GG883	0,80%	0,05%	0,00%	0,00%	0,00%
BFM8T61CT2L1QCEMIK50	0,62%	1,68%	0,00%	0,00%	0,00%
SOC GENERALE, FRANKFURT/DE -> 02RNE8IBXP4R0TD8PU41	0,58%	1,59%	0,00%	0,00%	0,00%

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>VD2 - Securitized Derivatives - Other securitized derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Yes				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	89,02%	89,11%	0,00%	0,00%	0,00%
<b>BANK VONTOBEL AG, ZUERICH/CH -&gt; 549300L7V4MGECYRM576</b>	5,08%	3,05%	0,00%	0,00%	0,00%
<b>JUNT405OW8OY5GN4DX16</b>	3,58%	4,58%	0,00%	0,00%	0,00%
<b>ICF BANK AG WERTPAPIERHANDELSBANK,FRANKF -&gt; 529900E89HA1I45HB613</b>	1,42%	1,22%	0,00%	0,00%	0,00%
<b>E58DKGMJYYYJLN8C3868</b>	0,55%	0,10%	0,00%	0,00%	0,00%



Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>RD1 - Commodities derivatives and emission allowances Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution  
venues  
for  
executed by

professional clients  
intermediary

<b>Class of Instrument</b>	<b>RD2 - Commodities derivatives and emission allowances Derivatives - Other commodities derivatives and emission allowances derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

Class of Instrument	DG1 - Contracts for difference				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>BP1 - Exchange traded products</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>BANK VONTOBEL AG, ZUERICH/CH -&gt; 549300L7V4MGECYRM576</b>	28,28%	10,68%	0,00%	0,00%	0,00%
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	27,37%	14,80%	0,00%	0,00%	0,00%
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	24,03%	40,19%	1,36%	7,04%	0,00%
<b>SOC GENERALE, FRANKFURT/DE -&gt; O2RNE8IBXP4R0TD8PU41</b>	8,71%	16,29%	0,00%	0,00%	0,00%
<b>Virtu Financial Ireland Limited, Ireland -&gt; 549300XG5LFGN1IGYC71</b>	4,21%	4,75%	0,00%	0,00%	0,00%

Information on the top five execution venues  
 for  
 executed by

professional clients  
 intermediary

<b>Class of Instrument</b>	<b>EZ1 - Emission allowances</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>OZ1 - Other instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>AO RAIFFEISENBANK, MOSCOW/RU -&gt; 2534006HF1L4YF10UD91</b>	36,89%	42,75%	0,00%	0,00%	0,00%
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	26,50%	18,00%	4,58%	1,67%	0,00%
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	15,41%	1,91%	0,00%	0,00%	0,00%
<b>BCS PRIME BROKERAGE LTD,READING/GB -&gt; 213800UU8AHE2B6QUI26</b>	7,91%	27,06%	0,00%	0,00%	0,00%
<b>SOC GENERALE, FRANKFURT/DE -&gt; O2RNE8IBXP4R0TD8PU41</b>	5,00%	2,63%	0,00%	0,00%	0,00%

Information on the top five execution venues  
 for professional clients  
 executed by intermediary

Class of Instrument	SI1 - Other instruments				
Notification if <1 average trade per business day in the previous year	Yes				
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
BAADER BANK AG, UNTERSCHLEISSHEIM/DE -> 529900JFOPPEDUR61H13	87,89%	32,15%	0,00%	0,00%	0,00%
BANK VONTOBEL AG, ZUERICH/CH -> 549300L7V4MGECYRM576	5,12%	46,30%	0,00%	0,00%	0,00%
JUNT405OW8OY5GN4DX16	4,19%	0,16%	0,00%	0,00%	0,00%
ICF BANK AG WERTPAPIERHANDELSBANK,FRANKF -> 529900E89HA1145HB613	1,55%	1,53%	0,00%	0,00%	0,00%
KERDOS INVESTMENT-AG TGV,DUESSELDORF/DE -> 529900GAEQFOFEVUM23	0,83%	0,08%	0,00%	0,00%	0,00%

Information on the top five execution venues

for retail clients  
executed by intermediary

<b>Class of Instrument</b>	<b>EK1 - Equities - Tick size liquidity bands 5 and 6</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	75,31%	75,72%	8,81%	26,01%	0,00%
<b>INVESTMENT TECHNOLOGY GROUP, DUBLIN/IE -&gt; 213800EEC95PRUCEUP63</b>	10,35%	11,45%	0,00%	0,00%	0,00%
<b>Virtu Financial Ireland Limited, Ireland -&gt; 549300XG5LFGN1IGYC71</b>	7,73%	8,23%	0,00%	0,00%	0,00%
<b>KCG EUROPE LIMITED, LONDON/GB -&gt; 549300346EFUPFCXJT79</b>	2,53%	1,51%	0,00%	0,00%	0,00%
<b>EXANE LIMITED, LONDON/GB -&gt; 213800SH9MTNZQJKP526</b>	2,19%	2,26%	0,00%	0,00%	0,00%



Information on the top five execution venues  
 for retail clients  
 executed by intermediary

EK2 - Equities - Tick size liquidity bands 3 and 4					
Class of Instrument	EK2 - Equities - Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day in the previous year	Yes				
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
JEFFERIES INT.LTD., LONDON/GB -> S5THZMDUJCTQZBTRVI98	80,87%	84,01%	0,51%	1,08%	0,00%
SOC GENERALE, FRANKFURT/DE -> O2RNE8IBXP4R0TD8PU41	8,73%	1,76%	0,00%	0,00%	0,00%
Virtu Financial Ireland Limited, Ireland -> 549300XG5LFGN1IGYC71	5,30%	6,23%	0,00%	0,00%	0,00%
BANK VONTOBEL AG, ZUERICH/CH -> 549300L7V4MGECYRM576	2,41%	3,52%	0,00%	0,00%	0,00%
INVESTMENT TECHNOLOGY GROUP, DUBLIN/IE -> 213800EEC95PRUCEUP63	1,60%	3,93%	0,00%	0,00%	0,00%

Information on the top five execution venues  
for  
executed by

retail clients  
intermediary

<b>Class of Instrument</b>	<b>EK3 - Equities - Tick size liquidity bands 1 and 2</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>Yes</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	90,85%	90,69%	0,03%	0,14%	0,00%
<b>SOC GENERALE, FRANKFURT/DE -&gt; O2RNE8IBXP4R0TD8PU41</b>	8,84%	8,62%	0,00%	0,00%	0,00%
<b>Virtu Financial Ireland Limited, Ireland -&gt; 549300XG5LFGN1IGYC71</b>	0,31%	0,69%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues

for retail clients  
executed by intermediary

<b>Class of Instrument</b>	<b>ST1 - Debt instruments - Bonds</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>BAADER BANK AG, UNTERSCHLEISSHEIM/DE -&gt; 529900JFOPPEDUR61H13</b>	94,10%	91,67%	0,00%	0,00%	0,00%
<b>ICF BANK AG WERTPAPIERHANDELSBANK,FRANKF -&gt; 529900E89HA1I45HB613</b>	5,90%	8,33%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	ST2 - Debt instruments - Money markets instruments				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	ZD1 - Interest rates derivatives - Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	ZD2 - Interest rates derivatives - Swaps, forwards, and other interest rates derivatives				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	KD1 - credit derivatives - Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	KD2 - credit derivatives - Other credit derivatives				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	WD1 - currency derivatives - Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>WD2 - currency derivatives - Swaps, forwards, and other currency derivatives</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>SP1 - Structured finance instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	AD1 - Equity Derivatives - Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	AD2 - Equity Derivatives - Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues

for retail clients  
executed by intermediary

Class of Instrument		VD1 - Securitized Derivatives - Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year		Yes				
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
JEFFERIES INT.LTD., LONDON/GB -> S5THZMDUJCTQZBTRVI98		94,77%	90,51%	1,07%	0,37%	0,00%
SOC GENERALE, FRANKFURT/DE -> O2RNE8IBXP4R0TD8PU41		4,36%	8,13%	0,00%	0,00%	0,00%
BAADER BANK AG, UNTERSCHLEISSHEIM/DE -> 529900JFOPPEDUR61H13		0,51%	0,68%	0,00%	0,00%	0,00%
KCG EUROPE LIMITED, LONDON/GB -> 549300346EFUPFCXJT79		0,27%	0,41%	0,00%	0,00%	0,00%
7LTFWZYICNSX8D621K86		0,09%	0,27%	0,00%	0,00%	0,00%

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	VD2 - Securitized Derivatives - Other securitized derivatives				
Notification if <1 average trade per business day in the previous year	No				
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
BAADER BANK AG, UNTERSCHLEISSHEIM/DE -> 529900JFOPPEDUR61H13	100,00%	100,00%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>RD1 - Commodities derivatives and emission allowances Derivatives - Options and Futures admitted to trading on a trading venue</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-



Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	RD2 - Commodities derivatives and emission allowances Derivatives - Other commodities derivatives and emission allowances derivatives				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	DG1 - Contracts for difference				
Notification if <1 average trade per business day in the previous year	No				
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
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

Class of Instrument	BP1 - Exchange traded products				
Notification if <1 average trade per business day in the previous year	Yes				
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
JEFFERIES INT.LTD., LONDON/GB -> S5THZMDUJCTQZBTRVI98	83,43%	77,02%	0,75%	2,05%	0,00%
SOC GENERALE, FRANKFURT/DE -> O2RNE8IBXP4R0TD8PU41	16,57%	22,98%	0,00%	0,00%	0,00%
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues  
 for retail clients  
 executed by intermediary

<b>Class of Instrument</b>	<b>EZ1 - Emission allowances</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-

Information on the top five execution venues

for retail clients  
executed by intermediary

Class of Instrument	OZ1 - Other instruments				
Notification if <1 average trade per business day in the previous year	Yes				
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
JEFFERIES INT.LTD., LONDON/GB -> S5THZMDUJCTQZBTRVI98	91,38%	90,50%	0,00%	0,67%	0,00%
SOC GENERALE, FRANKFURT/DE -> O2RNE8IBXP4R0TD8PU41	7,60%	8,89%	0,00%	0,00%	0,00%
Virtu Financial Ireland Limited, Ireland -> 549300XG5LFGN1IGYC71	0,53%	0,28%	0,00%	0,00%	0,00%
INVESTMENT TECHNOLOGY GROUP, DUBLIN/IE -> 213800EEC95PRUCEUP63	0,49%	0,32%	0,00%	0,00%	0,00%
-	-	-	-	-	-

Information on the top five execution venues

for retail clients  
executed by intermediary

<b>Class of Instrument</b>	<b>SI1 - Other instruments</b>				
<b>Notification if &lt;1 average trade per business day in the previous year</b>	<b>No</b>				
<b>Top five execution venues ranked in terms of trading volumes (descending order)</b>	<b>Proportion of volume traded as a percentage of total in that class</b>	<b>Proportion of orders executed as percentage of total in that class</b>	<b>Percentage of passive orders</b>	<b>Percentage of aggressive orders</b>	<b>Percentage of directed orders</b>
<b>BANK VONTOBEL AG, ZUERICH/CH -&gt; 549300L7V4MGECYRM576</b>	57,34%	20,00%	0,00%	0,00%	0,00%
<b>JEFFERIES INT.LTD., LONDON/GB -&gt; S5THZMDUJCTQZBTRVI98</b>	25,50%	20,00%	0,00%	0,00%	0,00%
<b>SOC GENERALE, FRANKFURT/DE -&gt; O2RNE8IBXP4R0TD8PU41</b>	10,66%	40,00%	0,00%	0,00%	0,00%
<b>ICF BANK AG WERTPAPIERHANDELSBANK,FRANKF -&gt; 529900E89HA1145HB613</b>	6,50%	20,00%	0,00%	0,00%	0,00%
-	-	-	-	-	-