

**MiFID II Best Execution  
Top 5 Execution Venues and Top 5 Brokers  
Credit Suisse (Luxembourg) S.A.**

**2022**

## Introduction

This Top 5 Execution Venues and Top 5 Broker report refers to the obligations set out in Art. 27.6 of Directive 2014/65/EU, article 65 (6) of the Commission Delegated Regulation (EU) 2017/565 (“MiFID II”) and Commission Delegated Regulation (EU) 2017/576 (“RTS 28”), and summarizes for each class of financial instruments, the Top 5 Execution Venues / Brokers in terms of trading venue where Credit Suisse (Luxembourg) S.A. (“CS Lux” or “the Bank”) executed (Top 5 execution venues) or received and transmitted (Top 5 Brokers) client orders in 2022.

This report covers the period from 1 January 2022 to 31 December 2022 and should be read in conjunction with the CS Lux’s Best Execution Policy and the Best Execution quality report. Both documents are available of the Bank’s website.

For clients serviced by Credit Suisse legal entities other than Credit Suisse (Luxembourg) S.A., note that there may be separate Best Execution Policies and reports with information on top five execution venues/brokers obtained by those legal entities.

Please contact your relationship manager for further information or any additional questions.

## Top 5 Execution Venues / Brokers 2022 Retail Clients

This section outlines, for each class of financial instruments, the Top 5 Execution Venues / Brokers, in terms of volume, where Credit Suisse executed (Top 5 Execution Venues) or received and transmitted (Top 5 Brokers) orders on behalf of clients classified as retail client.

### A. Top 5 Brokers

Class of Instrument	Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	99,32%	99,68%	1,44%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	0,68%	0,32%	0,85%

Class of Instrument	Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	97,77%	97,67%	0,21%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	2,23%	2,33%	0,00%

Class of Instrument	Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	98,39%	97,74%	0,07%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	1,61%	2,26%	0,00%

<b>Class of Instrument</b>	Debt instruments (bonds)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	0,05%

<b>Class of Instrument</b>	Debt instruments (money markets instruments)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	0,00%

<b>Class of Instrument</b>	Interest Rates Derivatives (Futures and options admitted to trading on a trading venue & swaps, forwards and other interest rates derivatives)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Credit Derivatives (Futures and options admitted to trading on a trading venue & other credit derivatives)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Currency derivatives (Options and futures admitted to trading on a trading venue)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Currency derivatives (Swaps, forwards and other currency derivatives)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Structured finance instruments		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Equity derivatives (Options and Futures admitted to trading on a trading venue)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	61,01%

Class of Instrument	Equity derivatives (Swaps and other equity derivatives)		
Notification if <1 average trade per business day in the previous year	Y		
Top five brokers 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 directed orders

Class of Instrument	Securitized Derivatives (warrants and certificate derivatives)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	97,28%	47,44%	0,47%
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	2,72%	52,56%	0,00%

Class of Instrument	Commodities Derivatives and emission allowances derivatives		
Notification if <1 average trade per business day in the previous year	Y		
Top five brokers 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 directed orders

Class of Instrument	Contracts for difference		
Notification if <1 average trade per business day in the previous year	Y		
Top five brokers 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 directed orders

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 brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	85,21%	82,60%	1,40%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	14,79%	17,40%	0,09%

Class of Instrument	Emission allowances		
Notification if <1 average trade per business day in the previous year	Y		
Top five brokers 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 directed orders

Class of Instrument	Other instruments		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	95,42%	86,92%	19,47%
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	4,58%	13,08%	0,00%

## B. Top 5 Execution Venues

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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	99,65%	98,92%	6,49%	93,51%	0,00%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	0,33%	1,02%	77,78%	22,22%	0,00%
<b>HSBC Bank PLC MP615ZYZBEU3UXPYFY54</b>	0,02%	0,06%	0,00%	100,00%	0,00%

Class of Instrument	Debt instruments (money markets instruments)				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	100,00%	100,00%	2,08%	97,92%	0,00%

Class of Instrument	Structured finance instruments				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	100,00%	100,00%	0,00%	100,00%	0,00%



Class of Instrument	Securitized Derivatives (warrants and certificate derivatives)				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	61,34%	25,00%	0,00%	100,00%	0,00%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	38,11%	50,00%	0,00%	100,00%	0,00%
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	0,55%	25,00%	0,00%	100,00%	0,00%

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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Credit Suisse (Luxembourg) S.A. 5493003TIY721MBZZK78</b>	100%	100%	N/A	N/A	100,00%

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	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	100,00%	100,00%	2,74%	97,26%	0,68%

Class of Instrument	Other instruments				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Goldman Sachs Intl. W22LROWP2IHZNBB6K528</b>	51,97%	50,00%	0,00%	100,00%	0,00%
<b>Flow Traders B.V. 549300CLJI9XDH12XV51</b>	48,03%	50,00%	0,00%	100,00%	0,00%

## Top 5 Execution Venues / Brokers 2022

### Professional Clients

This section outlines, for each class of financial instruments, the Top 5 Execution Venues / Brokers, in terms of volume, where Credit Suisse executed (Top 5 Execution Venues) or received and transmitted (Top 5 Brokers) orders on behalf of clients classified as professional client.

#### A. Top 5 Brokers

Class of Instrument	Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	98,60%	99,71%	0,19%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	1,40%	0,29%	0,00%

Class of Instrument	Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	98,83%	98,19%	0,36%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	1,17%	1,81%	0,13%

Class of Instrument	Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	97,27%	99,18%	0,85%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	2,73%	0,82%	0,76%

<b>Class of Instrument</b>	Debt instruments (bonds)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	0,28%

<b>Class of Instrument</b>	Debt instruments (money markets instruments)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	0,00%

<b>Class of Instrument</b>	Interest rates derivatives (Futures and options admitted to trading on a trading venue)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	5,62%

<b>Class of Instrument</b>	Credit Derivatives (Futures and options admitted to trading on a trading venue & other credit derivatives)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Currency derivatives (Futures and options admitted to trading on a trading venue)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	2,17%

<b>Class of Instrument</b>	Structured Finance instruments		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Equity derivatives (Options and Futures admitted to trading on a trading venue)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	100,00%	100,00%	16,22%

<b>Class of Instrument</b>	Securitized Derivatives (warrants and certificate derivatives)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	91,44%	28,78%	0,19%
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	8,56%	71,22%	0,00%

<b>Class of Instrument</b>	Commodities derivatives and emission allowances derivatives		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Contracts for difference		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	Y		
<b>Top five brokers 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 directed orders</b>

<b>Class of Instrument</b>	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)		
<b>Notification if &lt;1 average trade per business day in the previous year</b>	N		
<b>Top five brokers 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 directed orders</b>
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	95,08%	98,37%	0,46%
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	4,92%	1,63%	0,77%

Class of Instrument	Other instruments		
Notification if <1 average trade per business day in the previous year	N		
Top five brokers 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 directed orders
<b>Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144</b>	99,92%	98,25%	30,35%
<b>Credit Suisse Bank Europe SA DL6FFRRLF74S01HE2M14</b>	0,08%	1,75%	0,00%

## B. Top 5 Execution Venues

Class of Instrument	Debt instruments (bonds)				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	96,89%	96,97%	84,38%	15,62%	0,00%
<b>JP Morgan 549300EJYMJS22ND8Y17</b>	1,41%	0,61%	0,00%	100,00%	0,00%
<b>Morgan Stanley Bank AG IGJSJL3JD5P30I6NJZ34</b>	1,31%	0,61%	100,00%	0,00%	0,00%
<b>BNP Paribas 549300WCGB70D06XZS54</b>	0,22%	0,61%	100,00%	0,00%	0,00%
<b>Goldman Sachs Intl. W22LROWP2IHZNBB6K528</b>	0,13%	0,61%	100,00%	0,00%	0,00%

Class of Instrument	Debt instruments (money market instruments)				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	100,00%	100,00%	22,22%	77,78%	0,00%

Class of Instrument	Structured Finance Instruments				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders



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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Credit Suisse (Luxembourg) S.A. 5493003TIY721MBZZK78</b>	100%	100%	N/A	N/A	100,00%

Class of Instrument	Securitized derivatives (warrants and certificates derivatives)				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Jane Street Financial Ltd 549300ZHEHX8M31RP142</b>	100,00%	100,00%	0,00%	100,00%	0,00%

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	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Bloomberg Multilateral Trading Facility BMTF</b>	100,00%	100,00%	5,97%	94,03%	1,49%

Class of Instrument	Other instruments				
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 percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
<b>Flow Traders B.V. 549300CLJI9XDH12XV51</b>	100,00%	100,00%	100,00%	0,00%	0,00%



**CREDIT SUISSE (LUXEMBOURG) S.A.**

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