

## RETAIL CLIENTS

**Table 1**

Class of Instrument	<b>(a) Equities — Shares &amp; Depositary Receipts (Domestic shares)</b> (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 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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(a) Equities — Shares &amp; Depositary Receipts (Domestic shares)</b> (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 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
XBUD	92%	84%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(a) Equities — Shares &amp; Depositary Receipts (Domestic shares)</b> (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 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
XBUD	8%	16%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(a) Equities — Shares &amp; Depositary Receipts (International shares)</b>				
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
XETR	31%	14%	N/A	N/A	N/A
XLON	27%	28%	N/A	N/A	N/A
XNYS	13%	21%	N/A	N/A	N/A
XNGS	12%	16%	N/A	N/A	N/A
XWBO	5,5%	5,7%	N/A	N/A	N/A

Class of Instrument	<b>(b) Debt instruments</b> (ii) 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
XXXX	99,4%	99,17%	N/A	N/A	N/A
XOFF	0,6%	0,83%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(b) Debt instruments</b> (ii) 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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(c) Interest rates derivatives</b> (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(c) Interest rates derivatives</b> (ii) Swaps, forwards, and other interest rates derivatives				
Notification if < 1 average trade per business day in the previous year	<b>N</b>				
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
XXXX	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(d) Credit derivatives</b> (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(d) Credit derivatives</b> (ii) Other credit derivatives				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(e) Currency derivatives</b> (i) Futures and options admitted to trading on a trading venue				
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
XBUD	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(e) Currency derivatives</b> (ii) 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
XXXX	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(f) Structured finance instruments</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(g) Equity Derivatives</b> i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>N</b>				
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
XBUD	99,97%	99,17%	N/A	N/A	N/A
XOFF	0,03%	0,83%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(g) Equity Derivatives</b> ii) Swaps and other equity derivatives Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(h) Securitized Derivatives</b> (i) Certificate Derivatives				
Notification if < 1 average trade per business day in the previous year	<b>N</b>				
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
XWBO	45%	16%	N/A	N/A	N/A
XBUD	17,5%	67%	N/A	N/A	N/A
XXXX	17,2%	6,5%	N/A	N/A	N/A
XSTU	14%	7,1%	N/A	N/A	N/A
XSTO	5,2%	5,2%	N/A	N/A	N/A



Class of Instrument	<b>(h) Securitized Derivatives</b> (ii) Other securitized derivatives - Warrants				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
XWBO	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(i) Commodities derivatives and emission allowances Derivatives</b> (i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>N</b>				
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
XOFF	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(i) Commodities derivatives and emission allowances Derivatives</b> (ii) Other commodities derivatives and emission allowances derivatives				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(j) Contracts for difference</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)</b>				
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
ARCX	29%	59,7%	N/A	N/A	N/A
XNYS	22%	23,5%	N/A	N/A	N/A
XETR	20%	10%	N/A	N/A	N/A
XFRA	10,3%	0,1%	N/A	N/A	N/A
XLON	3,2%	2%	N/A	N/A	N/A

Class of Instrument	<b>(l) Emission allowances</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
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Class of Instrument	<b>(m) Other instruments</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

## PROFESSIONAL CLIENTS

**Table 2**

Class of Instrument	(a) Equities — Shares & Depositary Receipts (Domestic shares) (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	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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	(a) Equities — Shares & Depositary Receipts (Domestic shares) (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 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
XBUD	58%	21%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(a) Equities — Shares &amp; Depositary Receipts (Domestic shares)</b> (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 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
XBUD	42%	79%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(a) Equities — Shares &amp; Depositary Receipts (International shares)</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(b) Debt instruments</b> (i) 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
XOFF	36%	42%	N/A	N/A	N/A
XXXX	64%	58%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(b) Debt instruments</b> (ii) 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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(c) Interest rates derivatives</b> (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(c) Interest rates derivatives</b> (ii) Swaps, forwards, and other interest rates derivatives				
Notification if < 1 average trade per business day in the previous year	<b>N</b>				
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
XXXX	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A



Class of Instrument	<b>(d) credit derivatives</b> (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(d) credit derivatives</b> (ii) Other credit derivatives				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(e) currency derivatives</b> (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(e) currency derivatives</b> (ii) Swaps, forwards, and other currency derivatives				
Notification if < 1 average trade per business day in the previous year	<b>N</b>				
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
XXXX	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(f) Structured finance instruments</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(g) Equity Derivatives</b> i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(g) Equity Derivatives</b> ii) Swaps and other equity derivatives Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(h) Securitized Derivatives</b> (i) Certificate Derivatives				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(h) Securitized Derivatives</b> (ii) Other securitized derivatives- Warrants				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(i) Commodities derivatives and emission allowances Derivatives</b> (i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
XOFF	100%	100%	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(i) Commodities derivatives and emission allowances Derivatives</b> (ii) Other commodities derivatives and emission allowances derivatives				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(j) Contracts for difference</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(l) Emission allowances</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

Class of Instrument	<b>(m) Other instruments</b>				
Notification if < 1 average trade per business day in the previous year	<b>Y</b>				
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
Name and Venue Identifier (MIC or LEI)	0	0	N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A
Name and Venue Identifier (MIC or LEI)			N/A	N/A	N/A

## RETAIL and PROFESSIONAL CLIENTS

**Table 3**

Class of Instrument	<b>Securities finance</b>	
Notification if < 1 average trade per business day in the previous year	<b>Y</b>	
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
XOFF	100%	100%
Name and Venue Identifier (MIC or LEI)		
Name and Venue Identifier (MIC or LEI)		
Name and Venue Identifier (MIC or LEI)		
Name and Venue Identifier (MIC or LEI)		