

RETAIL CLIENTS

Table 1

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	I				
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	0,03%	66%	97%	3%	0%
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)					

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	90,26%	66%	98%	2%	0%
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)					

Class of Instrument	(a) Equities — Shares & Depositary Receipts (Domestic shares) (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	9,71%	59%	98,6%	1,4%	0%
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)					

Class of Instrument	(a) Equities — Shares & Depositary Receipts (International shares)				
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
XLON	23%	80%	100%	0%	12%
XETR	20%	78%	100%	0%	3%
XNYS	19%	59%	100%	0%	14%
XNGS	13%	52%	100%	0%	10%
XNMS	9%	68%	100%	0%	3%

Class of Instrument	(b) Debt instruments (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
XOFF	63%	100%	96,5%	3,5%	0%
XXXX	35,9%	99,97%	88%	12%	0%
BMTF	1,1%	100%	100%	0%	0%
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					

Class of Instrument	(b) Debt instruments (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	0	0	0
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)					

Class of Instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as 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	0	0	0
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)					

Class of Instrument	(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates 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%	100%	0%	0%
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)					

Class of Instrument	(d) Credit derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as 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	0	0	0
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)					

Class of Instrument	(d) Credit derivatives (ii) Other credit 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
Name and Venue Identifier (MIC or LEI)	0	0	0	0	0
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)					

Class of Instrument	(e) Currency derivatives (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%	100%	0%	0%
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)					

Class of Instrument	(e) Currency derivatives (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	86%	100%	100%	0%	0%
BMTF	14%	100%	100%	0%	0%
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					

Class of Instrument	(f) 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
XXXX	100%	100%	100%	0%	0%
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)					

Class of Instrument	(g) Equity Derivatives i) Options and Futures 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%	100%	0%	0%
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)					

Class of Instrument	(g) Equity Derivatives 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	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	0	0	0
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)					

Class of Instrument	(h) Securitized Derivatives (i) Certificate 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	53,4%	96%	100%	0%	0%
XWBO	35,4%	90%	100%	0%	0%
XBUD	10,4%	77%	100%	0%	0%
XSTU	0,36%	92%	100%	0%	0%

XSWX	0,22%	50%	100%	0%	0%
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Class of Instrument	(h) Securitized Derivatives (ii) Other securitized derivatives - Warrants				
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	0	0	0
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)					

Class of Instrument	(i) Commodities derivatives and emission allowances Derivatives (i) Options and Futures 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
XOFF	100%	100%	100%	0%	0%

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)					

Class of Instrument	(i) Commodities derivatives and emission allowances Derivatives (ii) Other commodities derivatives and emission allowances 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
Name and Venue Identifier (MIC or LEI)	0	0	0	0	0
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)					

Class of Instrument	(j) Contracts for difference				
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	0	0	0

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)					

Class of Instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
XETR	39%	72%	100%	0%	0%
ARCX	25%	72%	100%	0%	4%
XLON	9%	100%	100%	0%	0%
XSTU	9%	83%	100%	0%	2%
XNYS	6%	53%	100%	0%	3%

Class of Instrument	(l) Emission allowances				
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	0	0	0
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)					

Class of Instrument	(m) 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
XXXX	100%	100%	0%	100%	0%

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	0	0	0
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)					

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	99,6%	67%	95%	5%	0%
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)					

Class of Instrument	(a) Equities — Shares & Depositary Receipts (Domestic shares) (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	0,4%	72%	96%	4%	0%
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)					

Class of Instrument	(a) Equities — Shares & Depositary Receipts (International shares)				
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
XLON	40%	89%	100%	0%	26,6%
XETR	38%	61%	100%	0%	0,2%
XNYS	9%	91%	100%	0%	9,3%
XWBO	3%	86%	100%	0%	58,5%
XNGS	3%	78%	100%	0%	1,1%

Class of Instrument	(b) Debt instruments (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	66%	100%	96,5%	3,5%	0%
XXXX	29%	100%	73,5%	26,5%	0%
BMTF	5%	100%	100%	0%	0%
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					

Class of Instrument	(b) Debt instruments (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	0	0	0
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)					

Class of Instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as 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	0	0	0
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)					

Class of Instrument	(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives				
Notification if < 1 average trade per business day in the previous year	I				
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%	100%	0%	0%
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)					

Class of Instrument	(d) credit derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as 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	0	0	0
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)					

Class of Instrument	(d) credit derivatives (ii) Other credit 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
Name and Venue Identifier (MIC or LEI)	0	0	0	0	0
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)					

Class of Instrument	(e) currency derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
XBUD	100%	100%	100%	0%	0%
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	(e) currency derivatives (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	90,4%	100%	100%	0%	0%
BMTF	9,6%	100%	100%	0%	0%
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					

Class of Instrument	(f) 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
XXXX	100%	100%	100%	0%	0%
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)					

Class of Instrument	(g) Equity Derivatives i) Options and Futures 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%	100%	0%	0%
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)					

Class of Instrument	(g) Equity Derivatives 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	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	0	0	0
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)					

Class of Instrument	(h) Securitized Derivatives (i) Certificate 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
XWBO	63%	92%	100%	0%	0%
XXXX	37%	96%	100%	0%	0%
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					
Name and Venue Identifier (MIC or LEI)					

Class of Instrument	(h) Securitized Derivatives (ii) Other securitized derivatives- Warrants				
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	0	0	0
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)					

Class of Instrument	(i) Commodities derivatives and emission allowances Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if < 1 average trade per business day in the previous year	Y				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
XOFF	100%	100%	100%	0%	0%
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)					

Class of Instrument	(i) Commodities derivatives and emission allowances Derivatives (ii) Other commodities derivatives and emission allowances 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
Name and Venue Identifier (MIC or LEI)	0	0	0	0	0
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)					

Class of Instrument	(j) Contracts for difference				
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	0	0	0
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)					

Class of Instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if < 1 average trade per business day in the previous year	N				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
XNYS	67,5%	95%	100%	0%	0%
XNMS	12,5%	89%	100%	0%	0%
XETR	8,5%	88%	100%	0%	50%
ARCX	7%	78%	100%	0%	0%
XSWX	4,5%	100%	100%	0%	0%

Class of Instrument	(l) Emission allowances				
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	0	0	0
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)					

Class of Instrument	(m) Other instruments				
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%	0%	100%	0%
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)					

RETAIL and PROFESSIONAL CLIENTS

Table 3

Class of Instrument	Securities finance	
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
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)		