

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BOERSE STUTTGART - FREIVERKEHR STUB	75.87 %	80.35 %	0.00 %	0.00 %	88.48 %
Frankfurt Floor XFRA	12.21 %	7.08 %	0.00 %	0.00 %	99.32 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	8.75 %	10.93 %	0.00 %	0.00 %	91.64 %
CATS CATS	1.81 %	0.79 %	0.00 %	0.00 %	98.48 %
BOERSE STUTTGART - REGULIERTER MARKT STUA	0.58 %	0.36 %	0.00 %	0.00 %	99.34 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Equities - Shares & Depository Receipts (T12)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BOERSE STUTTGART - FREIVERKEHR STUB	35.97 %	25.87 %	0.00 %	0.00 %	87.95 %
Frankfurt Floor XFRA	28.94 %	33.40 %	0.00 %	0.00 %	95.70 %
Deutsche Börse AG XETR	10.32 %	11.59 %	17.72 %	68.52 %	87.42 %
XETRA - FREIVERKEHR XETB	9.61 %	10.96 %	15.54 %	68.41 %	93.95 %
Deutsche Börse XETA XETA	6.32 %	6.58 %	16.77 %	70.67 %	73.91 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Equities - Shares & Depository Receipts (T34)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse XETA XETA	28.22 %	24.97 %	24.10 %	65.89 %	84.68 %
Deutsche Börse AG XETR	25.97 %	24.61 %	20.08 %	68.69 %	86.22 %
XETRA - FREIVERKEHR XETB	12.64 %	10.00 %	17.60 %	68.15 %	92.88 %
BOERSE STUTTGART - FREIVERKEHR STUB	12.58 %	14.45 %	0.00 %	0.00 %	85.43 %
Frankfurt Floor XFRA	11.44 %	15.76 %	0.00 %	0.00 %	95.11 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Equities - Shares & Depository Receipts (T56)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse XETA XETA	33.14 %	28.82 %	19.27 %	70.52 %	84.83 %
Deutsche Börse AG XETR	33.09 %	28.63 %	18.20 %	71.96 %	81.37 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	12.66 %	18.78 %	0.06 %	0.29 %	48.54 %
BOERSE STUTTGART - FREIVERKEHR STUB	5.88 %	6.86 %	0.00 %	0.00 %	78.34 %
Frankfurt Floor XFRA	4.62 %	4.76 %	0.00 %	0.00 %	86.66 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Debt instruments, Bonds	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	64.29 %	54.84 %	0.00 %	0.00 %	71.22 %
BOERSE STUTTGART - FREIVERKEHR STUB	26.06 %	30.78 %	0.00 %	0.00 %	97.03 %
Frankfurt Floor XFRA	5.97 %	7.23 %	0.00 %	0.00 %	91.86 %
BOERSE BERLIN - FREIVERKEHR BERB	0.92 %	2.24 %	0.00 %	0.00 %	49.61 %
BOERSE DUESSELDORF - FREIVERKEHR DUSB	0.63 %	0.98 %	0.00 %	0.00 %	52.88 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse XETA XETA	42.54 %	48.87 %	4.11 %	84.41 %	86.09 %
Deutsche Börse AG XETR	19.75 %	22.20 %	4.34 %	82.81 %	86.95 %
BOERSE STUTTGART - FREIVERKEHR STUB	14.63 %	8.63 %	0.00 %	0.00 %	70.90 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	6.78 %	8.57 %	0.00 %	0.00 %	30.19 %
BOERSE STUTTGART - REGULIERTER MARKT STUA	4.86 %	2.16 %	0.00 %	0.00 %	76.75 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of aggressive orders	Percentage of directed orders
Eurex European Market XEUR	97.08 %	97.19 %	97.19 %	42.68 %	100.00 %
ICE Futures Europe - Financial Products IFLL	2.92 %	2.81 %	2.81 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Equity Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Eurex European Market XEUR	99.99 %	99.95 %	92.78 %	7.10 %	100.00 %
ICE Futures Europe - Equity Products IFLO	0.01 %	0.05 %	0.00 %	0.00 %	100.00 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	0.00 %	0.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Structured finance instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BOERSE STUTTGART - FREIVERKEHR STUB	44.34 %	47.74 %	0.00 %	0.00 %	77.84 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	35.90 %	29.23 %	0.00 %	0.00 %	32.77 %
Deutsche Börse XETA XETA	9.44 %	8.00 %	9.13 %	81.34 %	76.78 %
Deutsche Börse AG XETR	5.34 %	4.44 %	6.54 %	80.63 %	66.34 %
Frankfurt Floor XFRA	2.58 %	4.06 %	0.00 %	0.00 %	98.68 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Other instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse XETAXETA	29.75 %	27.80 %	14.58 %	64.58 %	75.00 %
Borsa Italiana ETFplus Market ETFP	29.52 %	33.40 %	1.73 %	97.69 %	100.00 %
Deutsche Börse AG XETR	20.89 %	22.39 %	6.03 %	81.03 %	72.41 %
BOERSE BERLIN - FREIVERKEHR BERB	7.46 %	0.96 %	0.00 %	0.00 %	20.00 %
BOERSE STUTTGART - FREIVERKEHR STUB	6.98 %	8.30 %	0.00 %	0.00 %	72.09 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Debt instruments, Money markets instruments	01/01/2019	31/12/2019	Yes
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	57.60 %	49.01 %	0.00 %	0.00 %	80.65 %
BOERSE STUTTGART - FREIVERKEHR STUB	22.89 %	28.86 %	0.00 %	0.00 %	97.26 %
Frankfurt Floor XFRA	10.27 %	13.04 %	0.00 %	0.00 %	100.00 %
BOERSE DUESSELDORF - FREIVERKEHR DUSB	6.38 %	4.35 %	0.00 %	0.00 %	54.55 %
BOERSE BERLIN - FREIVERKEHR BERB	1.37 %	0.79 %	0.00 %	0.00 %	50.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Equities - Shares & Depository Receipts (T12)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFGFNF3BB653	94.00 %	91.76 %	0.00 %	0.00 %	82.33 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	4.77 %	6.63 %	10.73 %	57.06 %	90.40 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	1.09 %	1.31 %	0.00 %	0.00 %	85.71 %
QUINTET PRIVATE BANK (EUROPE) S.A. KHCL65TP05J1HUW2D560	0.14 %	0.26 %	0.00 %	0.00 %	100.00 %
WOOD & Company Financial Services, a.s. 549300UYJKOXE3HB8L79	0.00 %	0.04 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Equities - Shares & Depository Receipts (T34)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	84.37 %	89.20 %	0.00 %	0.00 %	89.09 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	13.26 %	7.63 %	10.59 %	75.42 %	81.78 %
Baader Bank Aktiengesellschaft 529900JFOPPED UR61H13	2.23 %	3.07 %	0.00 %	0.00 %	61.05 %
WOOD & Company Financial Services, a.s. 549300UYJKOXE3HB8L79	0.14 %	0.10 %	33.33 %	33.33 %	33.33 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Equities - Shares & Depository Receipts (T56)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	94.16 %	90.47 %	0.00 %	0.00 %	91.63 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	5.73 %	9.47 %	0.84 %	91.91 %	83.89 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.11 %	0.06 %	0.00 %	0.00 %	56.25 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)	01/01/2019	31/12/2019	No
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	72.03 %	87.69 %	0.05 %	92.71 %	96.04 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFGFNF3BB653	27.97 %	12.31 %	0.00 %	0.00 %	74.81 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9STUHRDP 48	99.96 %	81.25 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCCEMIK50	0.04 %	18.75 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Equity Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9STUHRDP 48	88.69 %	5.41 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCEMIK50	11.31 %	94.59 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Securitized Derivatives Market - Milan SEDX	71.42 %	74.33 %	50.90 %	49.04 %	0.00 %
BOERSE STUTTGART - FREIVERKEHR STUB	14.19 %	10.42 %	0.00 %	0.00 %	99.80 %
Frankfurt Floor XFRA	6.66 %	6.43 %	0.00 %	0.00 %	99.99 %
Borsa Italiana XMIL	5.70 %	4.81 %	48.74 %	50.43 %	0.00 %
BOERSE STUTTGART - REGULIERTER MARKT STUA	0.82 %	0.22 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Equities - Shares & Depository Receipts (T12)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Borsa Italiana (MTAA) MTAA	27.76 %	38.36 %	42.98 %	52.58 %	0.75 %
Aim Italia XAIM	26.95 %	29.94 %	38.51 %	57.13 %	3.39 %
Frankfurt Floor XFRA	9.22 %	8.21 %	0.00 %	0.00 %	99.80 %
Euro TLX ETLX	7.71 %	9.36 %	29.17 %	70.16 %	1.70 %
BOERSE STUTTGART - FREIVERKEHR STUB	6.74 %	3.70 %	0.00 %	0.00 %	99.13 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Equities - Shares & Depository Receipts (T34)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Borsa Italiana (MTAA) MTAA	78.75 %	85.23 %	46.84 %	50.48 %	0.27 %
Vienna Exchange XVIE	5.39 %	3.01 %	38.36 %	50.20 %	100.00 %
Euro TLX ETLX	4.53 %	3.84 %	36.11 %	63.57 %	10.98 %
Aim Italia XAIM	2.39 %	3.07 %	41.96 %	51.71 %	3.35 %
Deutsche Börse AG XETR	2.03 %	0.99 %	36.42 %	52.94 %	97.98 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Equities - Shares & Depository Receipts (T56)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Borsa Italiana (MTAA) MTAA	88.87 %	91.70 %	39.99 %	57.96 %	0.16 %
Deutsche Börse XETA XETA	4.33 %	1.60 %	27.61 %	63.23 %	98.88 %
Deutsche Börse AG XETR	3.11 %	1.56 %	28.46 %	62.03 %	98.60 %
Euro TLX ETLX	0.96 %	1.83 %	36.08 %	63.58 %	87.55 %
Vienna Exchange XVIE	0.79 %	0.85 %	37.44 %	50.21 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Debt instruments, Bonds	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Borsa Italiana International Bond Market XMOT	63.05 %	37.88 %	31.05 %	67.10 %	4.38 %
Euro TLX ETLX	25.24 %	55.87 %	15.66 %	84.32 %	1.10 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	7.85 %	0.79 %	0.00 %	0.00 %	96.03 %
BOERSE STUTTGART - FREIVERKEHR STUB	1.45 %	1.26 %	0.00 %	0.00 %	99.78 %
Borsa Italiana XMIL	1.08 %	1.29 %	32.09 %	65.97 %	4.68 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Borsa Italiana ETFplus Market ETFP	83.24 %	94.29 %	40.49 %	56.12 %	0.10 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	10.77 %	1.08 %	0.00 %	0.00 %	98.09 %
Deutsche Börse XETA XETA	3.27 %	2.48 %	5.13 %	57.71 %	99.17 %
Deutsche Börse AG XETR	1.43 %	1.06 %	6.97 %	73.65 %	97.94 %
BOERSE STUTTGART - FREIVERKEHR STUB	0.66 %	0.47 %	0.00 %	0.00 %	93.71 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Eurex European Market XEUR	98.55 %	91.90 %	19.26 %	77.27 %	100.00 %
ICE Futures Europe - Financial Products IFLL	1.45 %	8.10 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Equity Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Eurex European Market XEUR	90.62 %	42.18 %	66.80 %	24.27 %	100.00 %
Paris Stock Exchange XPAR	3.99 %	0.35 %	0.00 %	0.00 %	100.00 %
ICE Futures Europe - Financial Products IFLL	2.41 %	0.44 %	0.00 %	0.00 %	100.00 %
Borsa Italiana Derivatives XDMI	1.89 %	5.48 %	0.00 %	0.00 %	100.00 %
WARSAW STOCK EXCHANGE/FINANCIAL DERIVATIVES WDER	1.09 %	51.39 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Structured finance instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Euro TLX ETLX	23.18 %	30.34 %	28.47 %	70.25 %	0.00 %
BOERSE STUTTGART - FREIVERKEHR STUB	16.74 %	11.59 %	0.00 %	0.00 %	98.43 %
Securitized Derivatives Market - Milan SEDX	15.28 %	31.74 %	42.87 %	55.82 %	0.00 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	11.03 %	0.85 %	0.00 %	0.00 %	59.22 %
Borsa Italiana ETFplus Market ETFP	9.95 %	15.83 %	30.20 %	66.20 %	0.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Other instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	38.37 %	1.16 %	0.00 %	0.00 %	100.00 %
MARKET FOR INVESTMENT VEHICLES MIVX	38.35 %	78.76 %	22.99 %	73.15 %	0.00 %
Borsa Italiana ETFplus Market ETFP	20.67 %	17.68 %	16.36 %	73.84 %	7.27 %
Deutsche Börse XETA XETA	2.22 %	1.29 %	22.22 %	13.89 %	100.00 %
Deutsche Börse AG XETR	0.22 %	0.23 %	30.77 %	46.15 %	92.31 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Debt instruments, Money markets instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	84.76 %	7.64 %	0.00 %	0.00 %	98.22 %
Euro TLX ETLX	12.19 %	63.06 %	13.48 %	83.58 %	0.00 %
Borsa Italiana International Bond Market XMOT	2.07 %	19.62 %	26.73 %	62.67 %	9.22 %
BOERSE STUTTGART - FREIVERKEHR STUB	0.27 %	1.45 %	0.00 %	0.00 %	93.75 %
Frankfurt Floor XFRA	0.25 %	1.58 %	0.00 %	0.00 %	97.14 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Commodities derivatives and emission allowances Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2019	31/12/2019	Yes
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
ICE Futures Europe IFEU	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFGFNF3BB653	100.00 %	100.00 %	0.00 %	0.00 %	10.90 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Equities - Shares & Depository Receipts (T12)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	89.67 %	95.30 %	0.04 %	0.01 %	40.07 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	10.22 %	4.39 %	7.72 %	9.07 %	98.84 %
WOOD & Company Financial Services, a.s. 549300UYJKOXE3HB8L79	0.05 %	0.07 %	0.00 %	0.00 %	100.00 %
QUINTET PRIVATE BANK (EUROPE) S.A. KHCL65TP05J1HUW2D560	0.03 %	0.07 %	0.00 %	0.00 %	87.50 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.02 %	0.12 %	0.00 %	0.00 %	92.86 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Equities - Shares & Depository Receipts (T34)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	96.39 %	96.25 %	0.00 %	0.00 %	28.57 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	3.33 %	3.56 %	27.31 %	52.87 %	99.25 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.22 %	0.12 %	0.00 %	0.00 %	69.23 %
WOOD & Company Financial Services, a.s. 549300UYJKOXE3HB8L79	0.06 %	0.07 %	0.00 %	46.67 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Equities - Shares & Depository Receipts (T56)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	97.16 %	97.53 %	0.00 %	0.00 %	27.75 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	2.83 %	2.46 %	11.06 %	78.14 %	97.47 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.01 %	0.01 %	0.00 %	22.22 %	77.78 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Debt instruments, Bonds	01/01/2019	31/12/2019	No
Top five investment firms 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
UBS AG BFM8T61CT2L1QCCEMIK50	92.41 %	95.56 %	0.00 %	0.00 %	99.87 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	4.46 %	1.32 %	0.00 %	0.00 %	100.00 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	1.96 %	0.24 %	50.00 %	50.00 %	100.00 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	1.15 %	2.76 %	0.00 %	0.00 %	4.35 %
J.P. MORGAN SECURITIES PLC K6Q0W1PS1L1O4IQL9C32	0.02 %	0.12 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)	01/01/2019	31/12/2019	No
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFQFN3BB653	90.07 %	81.46 %	0.00 %	0.00 %	36.52 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	9.93 %	18.54 %	4.02 %	89.99 %	98.28 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9STUHRDP 48	100.00 %	99.88 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCCEMIK50	0.00 %	0.12 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Equity Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9STUHRDP 48	99.70 %	17.41 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCEMIK50	0.30 %	82.59 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Structured finance instruments	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	100.00 %	100.00 %	0.00 %	0.00 %	40.19 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Currency derivatives, Futures and options admitted to trading on a trading venue	01/01/2019	31/12/2019	No
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9STUHRDP 48	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFQFN3BB653	100.00 %	100.00 %	0.00 %	0.00 %	64.29 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Other instruments	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFQFNF3BB653	99.81 %	97.56 %	0.00 %	0.00 %	40.00 %
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	0.19 %	2.44 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Commodities derivatives and emission allowances Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1 UYGU9STUHRDP 48	57.16 %	63.78 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCCEMIK50	42.84 %	36.22 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Securitized Derivatives, Other securitized derivatives	01/01/2019	31/12/2019	Yes
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Aim Italia XAIM	100.00 %	100.00 %	0.00 %	0.00 %	0.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Currency derivatives, Futures and options admitted to trading on a trading venue	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9STUHRDP 48	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Debt instruments, Bonds	01/01/2019	31/12/2019	Yes
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRV198	100.00 %	100.00 %	0.00 %	100.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Other instruments	01/01/2019	31/12/2019	Yes
Top five investment firms ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
JEFFERIES INTERNATIONAL LIMITED S5THZMDUJCTQZBTRVI98	96.25 %	91.67 %	0.00 %	81.82 %	100.00 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	3.75 %	8.33 %	0.00 %	0.00 %	0.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Securitized Derivatives, Other securitized derivatives	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFQFNF3BB653	100.00 %	100.00 %	0.00 %	0.00 %	0.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement/transmission	Structured finance instruments	01/01/2019	31/12/2019	Yes
Top five investment firms 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
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Interest rates derivatives, Swaps, forwards, and other interest rates derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Interest rates derivatives, Swaps, forwards, and other interest rates derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Credit derivatives, Other credit derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Credit derivatives, Other credit derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Currency derivatives, Swaps, forwards, and other currency derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Currency derivatives, Swaps, forwards, and other currency derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Structured finance instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Structured finance instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Equity Derivatives, Swaps and other equity derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Equity Derivatives, Swaps and other equity derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Commodities derivatives and emission allowances Derivatives, Other commodities derivatives and emission allowances derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Commodities derivatives and emission allowances Derivatives, Other commodities derivatives and emission allowances derivatives	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Securities Financing Transactions (SFT) – Equities	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Securities Financing Transactions (SFT) – Debt instruments	01/01/2019	31/12/2019	No
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	100.00 %