

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	01/01/2022	31/12/2022	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	99.96 %	99.98 %	94.76 %	2.99 %	100.00 %
ICE Futures Europe – Equity Products IFLO	0.04 %	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	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2022	31/12/2022	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	100.00 %	100.00 %	66,34 %	28,83 %	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	Equities – Shares & Depository Receipts (T12)	01/01/2022	31/12/2022	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	45,59 %	20,21 %	0.00 %	0.00 %	91,39 %
Boerse Frankfurt - Regulierter Markt FRAA	10,94 %	1,66 %	0.00 %	0.00 %	88,96 %
Deutsche Börse XETA XETA	10,42 %	17,88 %	10,21 %	77,46 %	76,80 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	9,26 %	18,81 %	0.00 %	0.00 %	97,96 %
Tradegate XGAT	6,86 %	15,29 %	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	Equities – Shares & Depository Receipts (T34)	01/01/2022	31/12/2022	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
XETRA – FREIVERKEHR XETB	30.40 %	24.14 %	14.18 %	69.80 %	97.16 %
Deutsche Börse XETA XETA	20.50 %	16.67 %	21.75 %	65.17 %	91.70 %
BOERSE STUTTGART – FREIVERKEHR STUB	11.61 %	13.45 %	0.00 %	0.00 %	94.86 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	11.06 %	14.51 %	0.00 %	0.00 %	98.47 %
Tradegate XGAT	11.00 %	13.40 %	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	Equities – Shares & Depository Receipts (T56)	01/01/2022	31/12/2022	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	46.86 %	37.57 %	19.18 %	68.03 %	92.61 %
UniCredit Bank 2ZCNRR8UK83OBTEK2170	15.90 %	19.36 %	0,00 %	0,00 %	67.95 %
XETRA – FREIVERKEHR XETB	13.80 %	13.14 %	13.53 %	71.54 %	97.15 %
Tradegate XGAT	4.90 %	4.84 %	0.00 %	0.00 %	100.00 %
BOERSE STUTTGART – FREIVERKEHR STUB	4.37 %	6.51 %	0.00 %	0.00 %	94.34 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Execution	Debt instruments, Bonds	01/01/2022	31/12/2022	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	63.33 %	51.57 %	0.00 %	0.00 %	72.73 %
BOERSE STUTTGART – FREIVERKEHR STUB	21.43 %	33.32 %	0.00 %	0.00 %	98.63 %
BOERSE STUTTGART – REGULIERTER MARKT STUA	5.74 %	2.73 %	0.00 %	0.00 %	97.15 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	3.49 %	4.51 %	0.00 %	0.00 %	92.76 %
Boerse Berlin – Freiverkehr BERB	1.53 %	1.84 %	0.00 %	0.00 %	65.86 %

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	01/01/2022	31/12/2022	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 BankAG 2ZCNRR8UK83OBTEK2170	31.46 %	35.04 %	0.00 %	0.00 %	51.10 %
BOERSE STUTTGART – FREIVERKEHR STUB	28.22 %	39.13 %	0.00 %	0.00 %	90.49 %
Deutsche Börse XETA XETA	26.35 %	14.91 %	9.21 %	81.83 %	83.42 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	6.06 %	2.63 %	0.00 %	0.00 %	98.88 %
Boerse Duesseldorf - Freiverkehr / DUSB	3,74 %	0,07 %	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	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2022	31/12/2022	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	81.62 %	76.48 %	0.00 %	0.00 %	98.68 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	8.27 %	9.36 %	0.00 %	0.00 %	99.87 %
UniCredit BankAG 2ZCNRR8UK83OBTEK2170	6.66 %	11.75 %	0.00 %	0.00 %	98.61 %
BANK VONTOBEL EUROPE AG – SYSTEMATIC INTERNATIONALISER VONT	2.93 %	2.02 %	0.00 %	0.00 %	95.03 %
CITIGROUP GLOBAL MARKETS DEUTSCHLAND AG – SYSTEMAT CGMD	0.25 %	0.06 %	0.00 %	0.00 %	42.86 %

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)	01/01/2022	31/12/2022	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	69.12 %	70.03 %	4.98 %	79.88 %	87.40 %
BOERSE STUTTGART – FREIVERKEHR STUB	13.01 %	10.77 %	0.00 %	0.00 %	75.16 %
UniCredit Bank AG ZCNRR8UK83OBTEK2170	4.40 %	4.02 %	0.00 %	0.00 %	51.81 %
BOERSE DUESSELDORF – FREIVERKEHR DUSB	4.10 %	2.83 %	0.00 %	0.00 %	60.86 %
BOERSE FRANKFURT – REGULIERTER MARKT FRAA	3.32 %	4.45 %	0.00 %	0.00 %	83.43 %

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	01/01/2022	31/12/2022	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	98.23 %	89.09 %	0.00 %	0.00 %	88.18 %
BOERSE STUTTGART – FREIVERKEHR STUB	1.30 %	7.06 %	0.00 %	0.00 %	98.18 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	0.47 %	3.85 %	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	01/01/2022	31/12/2022	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 BFM8T61CT2L1QCEMIK50	83.65 %	86.27 %	0.00 %	0.00 %	100.00 %
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9S TUHRDP48	14.73 %	5.21 %	0.00 %	0.00 %	100.00 %
Morgan Stanley & Co. International / PLCJ4PQUHN3JPFGFNF38 8653	1,62 %	8,52 %	0.00 %	0.00 %	97,65 %

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)	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	78.50 %	85.83 %	0.00 %	0.00 %	87.35 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	21.34 %	13.32 %	12.06 %	46.92 %	94.64 %
Baader Bank Aktiengesellschaft 529900JFOPPED UR61H13	0.16 %	0.78 %	0.00 %	0.00 %	77.27 %
WOOD & Company Financial Services, a.s. 5493 00UYJKOXE3HB8L79	0.00 %	0.04 %	0.00 %	100.00 %	100.00 %
Jefferies International Limited SSTHZMDUJCTQ ZBTRVI98	0.00 %	0.03 %	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)	01/01/2022	31/12/2022	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 4PQUHN3JPFQFNF3BB653	84.43 %	77.05 %	0.00 %	0.00 %	90.39 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	14.59 %	21.92 %	2.39 %	88.87 %	94.11 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.97 %	0.96 %	0.00 %	0.00 %	79.52 %
WOOD & Company Financial Services, a.s. 549300UYJKOXE3HB8L79	0.01 %	0.06 %	0.00 %	100.00 %	80.00 %
Jefferies International Limited / SSTHZMDUJCTQ ZBTRVI98	0.00 %	0,01 %	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 (T56)	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	98.41 %	97.04 %	0.00 %	0.00 %	95.16 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	1.45 %	2.73 %	2.81 %	83.52 %	91.32 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.14 %	0.23 %	0.00 %	0.00 %	70.77 %

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)	01/01/2022	31/12/2022	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 LLC 58PU97L1C0WSRCWADL48	59.70 %	61.05 %	6.32 %	67.37 %	91.20 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	40.30 %	38.95 %	0.00 %	0.00 %	89.22 %

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	01/01/2022	31/12/2022	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 GGDZP1UYGU9S TUHRDP48	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, Options and Futures admitted to trading on a trading venue	01/01/2022	31/12/2022	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
ICE Futures Europe IFEU	99.99 %	97.26 %	0.00 %	0.00 %	100.00 %
EUROPEAN ENERGY EXCHANGE – REGULATED MARKET XEER	0.01 %	2.74 %	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	01/01/2022	31/12/2022	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	92.09 %	58.66 %	73.38 %	17.79 %	100.00 %
Paris Stock Exchange XPAR	3.97 %	2.30 %	0.00 %	0.00 %	100.00 %
ICE Futures Europe – Financial Products IFLL	2.24 %	5.98 %	0.00 %	0.00 %	100.00 %
Amsterdam Stock Exchange XAMS	0.83 %	0.29 %	0.00 %	0.00 %	100.00 %
Borsa Italiana Derivatives XDMI	0.80 %	7.19 %	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, Futures and options admitted to trading on a trading venue	01/01/2022	31/12/2022	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	99.05 %	96.44 %	17.53 %	70.24 %	100.00 %
ICE Futures Europe – Financial Products IFLL	0.95 %	3.56 %	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)	01/01/2022	31/12/2022	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	39.97 %	46.95 %	41.57 %	50.78 %	0.04 %
EURONEXT GROWTH MILAN EXGM	26.34 %	33.75 %	35.71 %	56.11 %	3.26 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	5.78 %	7.33 %	0.00 %	0.00 %	99.95 %
Boerse Stuttgart - Freiverkehr STUB	4.56 %	2.90 %	0.00 %	0.00 %	99.76 %
BOERSE HAMBURG - FREIVERKEHR HAMB	4.32 %	0.43 %	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 (T34)	01/01/2022	31/12/2022	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	65.96 %	75.69 %	45.51 %	51.61 %	0.08 %
Vienna Stock Exchange XWBO	12.97 %	5.68 %	36.63 %	50.27 %	100.00 %
BOERSE FRANKFURT - FREIVERKEHR FRAB	4.29 %	3.59 %	0.00 %	0.00 %	99.97 %
EURONEXT GROWTH MILAN EXGM	3.40 %	5.34 %	42.36 %	52.03 %	1.65 %
XETRA - FREIVERKEHR XETB	3.23 %	2.04 %	30.24 %	56.15 %	99.96 %

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)	01/01/2022	31/12/2022	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	84.63 %	86.19 %	35.86 %	62.71 %	0.35 %
Deutsche Börse XETA XETA	5.79 %	3.69 %	22.33 %	68.96 %	99.80 %
Vienna Stock Exchange XWBO	2.28 %	1.86 %	35.15 %	53.54 %	100.00 %
Borsa Italiana Equity MTF MTAH	1,28 %	1,34 %	62,12 %	35,89 %	3,17 %
Euro TLX ETLX	1.18 %	2.41 %	13.89 %	85.89 %	4.46 %

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	01/01/2022	31/12/2022	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	74.24 %	73.31 %	25.70 %	72.78 %	0.09 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	8.82 %	2.89 %	0.00 %	0.00 %	7.24 %
BLOOMBERG TRADING FACILITY B.V. BTFE	7.15 %	2.16 %	0.00 %	0.00 %	0.00 %
Euro TLX ETLX	6.96 %	14.62 %	29.49 %	70.43 %	0.16 %
BOERSE STUTTGART – FREIVERKEHR STUB	1.48 %	2.90 %	0.00 %	0.00 %	99.98 %

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Professional	Execution	Structured finance instruments	01/01/2022	31/12/2022	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	26.70 %	12.05 %	0.00 %	0.00 %	4.47 %
BOERSE STUTTGART – FREIVERKEHR STUB	22.95 %	15.51 %	0.00 %	0.00 %	99.42 %
Euro TLX ETLX	11.94 %	17.77 %	25.48 %	72.36 %	0.41 %
Deutsche Boerse XETA	11.14 %	9.95 %	12.32 %	74.30 %	98.11 %
Stuttgart Stock Exchange XSTU	10.59 %	0.04 %	0.00 %	0.00 %	40.00 %

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	01/01/2022	31/12/2022	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	67.73 %	73.78 %	54.08 %	45.87 %	0.03 %
BOERSE STUTTGART – FREIVERKEHR STUB	25.98 %	17.55 %	0.00 %	0.00 %	99.96 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	2.63 %	2.79 %	0.00 %	0.00 %	100.00 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	1.55 %	2.47 %	0.00 %	0.00 %	0.81 %
Borsa Italiana MTAA	1.04 %	1.38 %	44.40 %	45.06 %	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	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)	01/01/2022	31/12/2022	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	38.57 %	76.73 %	36.57 %	46.36 %	1.34 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	26.35 %	8.65 %	0.00 %	0.00 %	99.78 %
Bloomberg Trading Facility B.V. BTFE	24.27 %	0.62 %	0.00 %	0.00 %	0.00 %
Deutsche Börse XETA XETA	9.60 %	12.94 %	2.95 %	45.76 %	99.93 %
Boerse Muenchen ? Gettex ? Freiverkehr MUND	0.31 %	0.02 %	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	Other instruments	01/01/2022	31/12/2022	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
MARKET FOR INVESTMENT VEHICLES MIVX	89.06 %	95.78 %	17.31 %	74.85 %	0.00 %
Borsa Italiana ETFplus Market ETFP	4.46 %	3.29 %	19.57 %	65.22 %	0.00 %
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	3.59 %	0.22 %	0.00 %	0.00 %	100.00 %
Tradegate XGAT	1.02 %	0.07 %	0.00 %	0.00 %	100.00 %
ATFUND MTF ATFX	1.00 %	0.14 %	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	Execution	Debt instruments, Money markets instruments	01/01/2022	31/12/2022	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	58.50 %	12.25 %	0.00 %	0.00 %	99.07 %
Bloomberg Trading Facility B.V. BTFE	21.62 %	24.88 %	0.00 %	0.00 %	0.00 %
Borsa Italiana International Bond Market XMOT	19.58 %	60.76 %	19.33 %	78.76 %	0.47 %
BOERSE STUTTGART – FREIVERKEHR STUB	0.12 %	0.77 %	0.00 %	0.00 %	100.00 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	0.12 %	0.74 %	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	01/01/2022	31/12/2022	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 GGDZP1UYGU9S TUHRDP48	99.25 %	88.96 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCCEMIK50	0.75 %	11.04 %	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
Professional	Placement/transmission	Equity Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2022	31/12/2022	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 GGDZP1UYGU9S TUHRDP48	90.83 %	28.25 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCEMIK50	8.95 %	67.51 %	0.00 %	0.00 %	100.00 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4 PQUHN3JPF GFNF3BB653	0.22 %	4.24 %	0.00 %	0.00 %	67.97 %

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)	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	79.89 %	89.02 %	1.91 %	11.92 %	47.95 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	20.08 %	10.91 %	28.99 %	39.97 %	99.18 %
WOOD & Company Financial Services, a.s. 549300UYJKOXE3HB8L79	0.02 %	0.04 %	20.00 %	40.00 %	100.00 %
Baader Bank Aktiengesellschaft 529900JFOPPEDUR61H13	0.01 %	0.03 %	0.00 %	0.00 %	33.33 %

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)	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	64.04 %	86.78 %	1.24 %	12.76 %	29.50 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	35.84 %	13.16 %	3.59 %	90.70 %	99.92 %
Baader Bank Aktiengesellschaft 529900JFOPPED UR61H13	0.07 %	0.03 %	0.00 %	0.00 %	73.33 %
WOOD & Company Financial Services, a.s. 5493 00UYJKOXE3HB8L79	0.05 %	0.03 %	38.89 %	38.89 %	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)	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	97.58 %	99.41 %	2.78 %	23.81 %	25.40 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	2.14 %	0.58 %	2.43 %	86.89 %	99.85 %
Baader Bank Aktiengesellschaft 529900JFOPPED UR61H13	0.28 %	0.01 %	0.00 %	0.00 %	90.74 %
Wood & Company Financial Services a.s. 549300UYJKOXE3HBBL79	0.00 %	0.00 %	0.00 %	50.00 %	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	Debt instruments, Bonds	01/01/2022	31/12/2022	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 BFM8T61CT2L1QCEMIK50	80.83 %	80.39 %	0.00 %	0.00 %	99.40 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4 PQUHN3JPF GFNF3BB653	18.51 %	18.16 %	32.00 %	14.67 %	8.00 %
Baader Bank Aktiengesellschaft 529900JFOPPED UR61H13	0.66 %	1.45 %	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	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	99.06 %	97.16 %	12.68 %	33.66 %	9.27 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	0.94 %	2.84 %	66.67 %	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)	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	88.03 %	90.33 %	17.44 %	54.23 %	28.03 %
JEFFERIES LLC 58PU97L1C0WSRCWADL48	11.97 %	9.67 %	6.97 %	84.58 %	99.70 %

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	01/01/2022	31/12/2022	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 GGDZP1UYGU9S TUHRDP48	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	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2022	31/12/2022	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 GGDZP1UYGU9S TUHRDP48	98.09 %	98.99 %	0.00 %	0.00 %	100.00 %
UBS AG BFM8T61CT2L1QCCEMIK50	1.91 %	1.01 %	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	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	100.00 %	100.00 %	0.00 %	1,11 %	68,89 %

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	01/01/2022	31/12/2022	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
Baader Bank Aktiengesellschaft 529900JJ FFOPPEDUR61H13	60.83 %	3.33 %	0.00 %	0.00 %	100.00 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4 PQUHN3JPF GFNF3BB653	21.00 %	10.00 %	0.00 %	0.00 %	100.00 %
JEFFERIES LLC 58PU97L1COWSRCWADL48	18.17 %	86.67 %	11.54 %	73.08 %	92.31 %

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	01/01/2022	31/12/2022	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
BOERSE MUENCHEN ? GETTEX ? FREIVERKEHR MUND	22.96 %	12.05 %	0.00 %	0.00 %	100.00 %
BOERSE FRANKFURT – FREIVERKEHR FRAB	20.26 %	32.53 %	0.00 %	0.00 %	96.30 %
BOERSE STUTTGART – FREIVERKEHR STUB	20.00 %	15.66 %	0.00 %	0.00 %	92.31 %
BOERSE MUENCHEN – FREIVERKEHR MUNB	12.70 %	10.84 %	0.00 %	0.00 %	100.00 %
Boerse Duesseldorf - Freiverkehr DUSB	9.10 %	7.23 %	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	Other instruments	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	100.00 %	100.00 %	0.00 %	0.00 %	66,67 %

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	Commodities derivatives and emission allowances Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2022	31/12/2022	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 GGDZP1UYGU9S TUHRDP48	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	Securitized Derivatives, Other securitized derivatives	01/01/2022	31/12/2022	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	98.36 %	70.77 %	17.39 %	56.52 %	0.00 %
Euronext Growth Milan EXGM	1.64 %	29.23 %	15.79 %	57.89 %	15.79 %

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	01/01/2022	31/12/2022	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 LLC / 58PU97L1C 0WSRCWADL48	94.71 %	7.14 %	0.00 %	0.00 %	100.00 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4 PQUHN3JPF GFNF3BB653	5.29 %	92.86 %	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	Other instruments	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	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	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2022	31/12/2022	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 4 PQUHN3JPF GFNF3BB653	100.00 %	100.00 %	0.00 %	0.00 %	65,71 %

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, Other securitized derivatives			

Client type	Interaction	Class of Instrument	Period start	Period end	Notification if <1 average trade per business day in the previous year
Retail	Placement and transmission	Interest rates derivatives, Futures and options admitted to trading on a trading venue	01/01/2022	31/12/2022	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
MERRILL LYNCH INTERNATIONAL GGDZP1UYGU9S TUHRDP48	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 and transmission	Debt instruments, Bonds	01/01/2022	31/12/2022	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
Baader Bank Aktiengesellschaft 529900JFPPEDUR61H13	99.99 %	50.00 %	0.00 %	0.00 %	100.00 %
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPFGFNF3BB653	0.01 %	50.00 %	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	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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	Execution	Interest rates derivatives, Swaps, forwards, and other interest rates derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Credit derivatives, Other credit derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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	Execution	Credit derivatives, Other credit derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Currency derivatives, Swaps, forwards, and other currency derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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	Execution	Currency derivatives, Swaps, forwards, and other currency derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Structured finance instruments	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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	Execution	Structured finance instruments	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Equity Derivatives, Swaps and other equity derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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	Execution	Equity Derivatives, Swaps and other equity derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Commodities derivatives and emission allowances Derivatives, Other commodities derivatives and emission allowances derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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	Execution	Commodities derivatives and emission allowances Derivatives, Other commodities derivatives and emission allowances derivatives	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Securities Financing Transactions (SFT) – Equities	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	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
Professional	Execution	Securities Financing Transactions (SFT) – Debt instruments	01/01/2022	31/12/2022	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
UniCredit Bank AG 2ZCNRR8UK83OBTEK2170	100.00 %	100.00 %	0.00 %	0.00 %	0.00 %