

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	01/01/2017	31/12/2017	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
ICE Futures EuropellFEU	100	100	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Execution	Debt instruments, Bonds	01/01/2017	31/12/2017	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 AGI2ZCNRR8UK830BTEK2170	94.59	3.26	0	0	68.62
Euro TLXIETLX	3.47	69.43	0.84	3.89	0
Borsa ItalianalXMIL	1.74	24.34	1.78	2.85	0
Stuttgart Stock ExchangelXSTU	0.11	1.62	0	0	97.63
Frankfurt FlooriXFRA	0.02	0.4	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Execution	Debt instruments, Money markets instruments	01/01/2017	31/12/2017	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
Top five execution venues ranked in terms of trading volumes (descending order) UniCredit Bank AGI2ZCNRR8UK830BTEK2170	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
trading volumes (descending order)	percentage of total in that class	of total in that class			
trading volumes (descending order) UniCredit Bank AGIZZCNRRBUKB30BTEK2170	percentage of total in that class	of total in that class	0	0	28.74
trading volumes (descending order) UniCredit Bank AGI2ZCNRRBUK830BTEK2170 Euro TL/dETLX	percentage of total in that class 80.19 13.62	of total in that class 15.61 58.59	0	0 8.52	28.74
trading volumes (descending order) UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TLMETLX Borsa ItalianaDMIL	sol 19 13.62 2.8	of total in that class 15.61 58.59	0 128 135	0 8.52 2.77	28.74
trading volumes (descending order) UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TLVIETLX Borsa ItalianalPMIIL Stuttgart Stock Exchangel/STU	80.19 13.62 2.8 2.14	of total in that class 15.61 58.59 15.7 6.32	0 1.28 1.35	0 8.52 2.77	28.74 0 0 97.77
UniCredit Bank AGIZZCNRRBUKB30BTEK2170 UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TL/IdETLIX Borsa ItalianalkMIL Stuttgart Stock ExchangelXSTU Berlin Stock ExchangelXBER	80.19 13.62 2.8 2.14	of total in that class 15.61 58.59 15.7 6.32	0 1.28 1.35 0	0 8.52 2.77 0	28.74 0 0 97.77 100 Notification (f - 1 average trade per business
UniCredit Bank AGI22CNRRBUKB30BTEK2170 Euro TL/IGETLX Borsa Italianal/MIL Stuttgart Stock Exchangel/STU Berlin Stock Exchangel/BER Client type	80.19 13.62 2.8 2.14 0.39	of total in that class 15.61 58.59 15.7 6.32 0.61 Class of instrument Equity Derivatives, Options and Futures	0 1.28 1.35 0 0 Period start	0 8.52 2.77 0 0 Period end	0 0 97.77 100 Notification if <1 average trade per business day in the previous year
UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TL/IGETLX Borsa ItalianalXMIL Stuttgart Stock ExchangelXSTU Berlin Stock ExchangelXBER Client type Professional Top five execution venues ranked in terms of	80.19 13.62 2.8 2.14 0.39 Interaction Execution	of total in that class 15.61 58.59 15.7 6.32 0.61 Class of instrument Equity Derivatives, Options and Futures admitted to trading on a trading venue Proportion of orders executed as percentage	0 128 1.35 0 0 Period start 01/01/2017	0 8.52 2.77 0 0 Period end	28.74 0 0 97.77 100 Neoffication if <1 average trade per business day in the previous year N
UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TLMETLX Borsa ItalianalMMIL Stuttgart Stock Exchangel/SSTU Berlin Stock Exchangel/SBER Client type Professional Top five execution venues ranked in terms of trading volumes (descending order)	80.19 13.62 2.8 2.14 0.39 Interaction Execution Proportion of volume traded as a percentage of total in that class	of total in that class 15.61 58.59 15.7 6.32 0.61 Class of Instrument Equity Derivatives, Options and Futures admitted to trading on a trading venue Proportion of orders executed as percentage of total in that class	0 1.28 1.35 0 0 Period start 01/01/2017 Percentage of passive orders	0 8.52 2.77 0 0 Period end 31/12/2017 Percentage of aggressive orders	0 0 97.77 100 Notification if <1 average trade per business day in the previous year N Percentage of directed orders
UniCredit Bank AGIZZCNRRBUKB30BTEK2170 UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TL/IGETLX Borsa Italianal/Mill. Stuttgart Stock Exchangel/MSER Gient type Professional Top five execution venues ranked in terms of trading volumes (descending order) Borsa Italianal/Mill.	80.19 13.62 2.8 2.14 0.39 Interaction Execution Proportion of volume traded as a percentage of total in that class	of total in that class 15.61 58.59 15.7 6.32 0.61 Class of instrument Equity Derivatives, Options and Futures admitted to trading on a trading venue Proportion of orders executed as percentage of total in that class 37.53	0 128 135 0 0 Period start 01/01/2017 Percentage of passive orders	0 8.52 2.77 0 0 Period end 31/12/2017 Percentage of aggressive orders	0 0 97.77 100 Notification if <1 average trade per business day in the previous year N Percentage of directed orders 0
UniCredit Bank AGIZZCNRRBUKB30BTEK2170 UniCredit Bank AGIZZCNRRBUKB30BTEK2170 Euro TL/HETLX Borsa Italianal/MIL Stuttgart Stock Exchangel/SSTU Berlin Stock Exchangel/BER Client type: Professional Top five execution venues ranked in terms of trading volumes (descending order) Borsa Italianal/MIL Eurex European Market/MEUR	80.19 13.62 2.8 2.14 0.39 Interaction Execution Proportion of volume traded as a percentage of total in that class 96.09 3.16	of total in that class 15.61 58.59 15.7 6.32 0.61 Class of instrument Equity Derivatives, Options and Futures admitted to trading on a trading venue Proportion of orders executed as percentage of total in that class 37.53 43.78	0 128 135 0 0 Period start 01/01/2017 Percentage of passive orders 0	0 8.52 2.77 0 0 Period end 31/12/2017 Percentage of aggressive orders 0	28.74 0 0 97.77 100 Notification if 41 average trade per business day in the previous year N Percentage of directed orders 0

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 & Depositary Receipts	01/01/2017	31/12/2017	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
Borsa ItalianalXMIL	74.04	85.29	2.36	2.34	0
Deutsche Börse AGIXETR	9.18	5	0.49	1.19	96.25
Vienna Stock ExchangelXWB0	2.46	1.9	0	0	99.98
UniCredit Bank AGI2ZCNRR8UK830BTEK2170	2.37	0.04	0.29	1	62.48
Frankfurt FloorIXFRA	1.94	2.27	0	0	99.67
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)	01/01/2017	31/12/2017	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 AGI2ZCNRR8UK830BTEK2170	87.13	2.82	0	0	5.93
Borsa ItalianalXMIL	10.53	83.87	1.51	3.33	0.01
Deutsche Börse AGIXETR	1.76	8.84	0.19	1.76	87.29
London Stock ExchangelXLON	0.14	0.93	0	0	100
Stuttgart Stock ExchangelXSTU	0.1	0.83	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Execution	Other instruments	01/01/2017	31/12/2017	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 AGI2ZCNRR8UK830BTEK2170	68	0.31	0	0	85.42
Euro TLXIETLX	10.03	5.66	0.58	2.59	0
Stuttgart Stock ExchangelXSTU	7.83	9.29	0	0	97.83
Eurex European MarketlXEUR	4.38	14.99	0	0	100
Borsa Italiana XMIL	3.56	59.76	3.03	2.41	0
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Execution	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2017	31/12/2017	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
Stuttgart Stock Exchangel/XSTU	53.23	55.04	0	0	97.04
Frankfurt FloorIXFRA	31.21	39.32	0	0	100
STUB	9.49	0.44	0	0	0
New York Stock ExchangelXNYS	4.6	3.12	0	0	100
Vienna Stock ExchangelXWBO	0.87	1.78	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Execution	Structured finance instruments	01/01/2017	31/12/2017	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 AGI2ZCNRR8UK830BTEK2170	95.92	1.21	0	0	89.48
Euro TLXIETLX	1.75	56.49	0.69	6.38	0
Frankfurt FloorIXFRA	0.84	0.37	0	0	100
Stuttgart Stock ExchangelXSTU	0.74	0.59	0	0	93.09

	Borsa ItalianalXMIL	0.54	41.16	1.64	2.22	0
Part	Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Processing	Retail	Execution	Debt instruments, Bonds	01/01/2017	31/12/2017	N
Part	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
Part	UniCredit Bank AGI2ZCNRR8UK830BTEK2170	42	23.35	0	0	85.3
1972 1972	Stuttgart Stock ExchangelXSTU	41.07	54.18	0	0	59.63
Part	Frankfurt FloorIXFRA	8.28	12.85	0	0	99.73
	STUB	2.48	3.76	0	0	66.51
Part	Munich Stock ExchangelXMUN	2.47	3.3	0	0	52.63
Part	Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
	Retail	Execution	Debt instruments, Money markets instruments	01/01/2017	31/12/2017	N
Subject State Columpto File 10.51	Top five execution venues ranked in terms of trading volumes (descending order)		Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Tuesdorf FactorPile 1.00	UniCredit Bank AGI2ZCNRR8UK830BTEK2170	85.57	24.13	0	0	80.25
This discrete former problem. One of type Mean State March State Schemers (MAN) One of type March State Schemers (MAN) One of type March State Schemers (MAN) March State March State Schemers (MAN) March State March State Schemers (MAN) March State Schemers (MAN) March State March State Schemers (MAN) March State Schemers	Stuttgart Stock ExchangelXSTU	10.51	55.71	0	0	50.8
March State Schwegold/Min	Frankfurt FloorIXFRA	2.09	14.99	0	0	100
Control type Execution Clear of Instrument Clear of Instrument Clear of Instrument Country Control dist Country Control dist Country Co	STUB	0.86	3.57	0	0	61.11
Health Censes Comment of the Comment of Comment (Comment of Comment (Comment of Comment of Comment (Comment of Comment of Comment (Comment of Comment of Comment of Comment (Comment of Comment of Comment of Comment of Comment (Comment of Comment of Comme	Munich Stock ExchangelXMUN	0.64	0.7	0	0	100
Secretary of the execution weekers analysis in terms of transport traded as a preventing of strate in that class are furnished velocity (december of secretary of trade) in that class are furnished without (december of trade) in that class are furnished w	Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Transfer of phone management of the control of the	Retail	Execution	Equity Derivatives, Options and Futures admitted to trading on a trading venue	01/01/2017	31/12/2017	N
EE Fidures Europe - Equity ProductalFLO 1.89 0.35 0 0 0 100 Clost type			Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Class of Instrument Class of	Eurex European MarketlXEUR	98.11	99.65	0	0	100
Retail Execution Equity Derivatives, Seaps and other equity derivatives of the previous years of total in that class Proportion of orders executed as percentage of passive orders Percentage of aggressive orders Percentage of directed orders of total in that class Proportion of orders executed as percentage of passive orders Percentage of aggressive orders Only in the previous year of total in that class Percentage of aggressive orders Percent	ICE Futures Europe - Equity ProductsIIFLO	1.89	0.35	0	0	100
Top five execution venues ranked in terms of trading volumes (descending order) Description of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Description of volume traded as a procentage of total in that class Description of volume traded as a procentage of total in that class Description of volume traded as a proportion of volumes (descending order) Proportion of volume traded as a proportion of volume traded as a proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a proportion of volume traded as a procentage of total in that class Proportion of volume traded as a proportion of volume traded as a procentage of total in that class Proportion of volume traded as a proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a procentage of total in that class Proportion of volume traded as a proportion of volume traded as a procentage of total in that class Proportion of volume traded as a proportion of volume traded as	Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
trading volumes (descending order) percentage of total in that class Percentage of passive orders Notification if cl. average trade per business day in the previous year Retail Execution Equities - Shares & Depositary Receipts 01/01/2017 31/12/2017 N Top five execution venues ranked in terms of percentage of total in that class Proportion of orders executed as percentage of passive orders Percentage	Retail	Execution	Equity Derivatives, Swaps and other equity derivatives	01/01/2017	31/12/2017	Y
Clear type Interaction Class of Instrument Period start Period end Notification if <a a="" business="" day="" hres="" in="" of="" p<="" per="" percentage="" previous="" td="" the="" trade="" year=""><td></td><td></td><td>Proportion of orders executed as percentage of total in that class</td><td>Percentage of passive orders</td><td>Percentage of aggressive orders</td><td>Percentage of directed orders</td>			Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Retail Execution Equities - Shares & Depositary Receipts 01/01/2017 31/12/2017 N Top five execution venues ranked in terms of trading volumes (descending order) Proportion of orders executed as a percentage of total in that class Proportion of orders executed as percentage of passive orders Percentage of aggressive orders Percentage of directed orders Deutsche Börse AGIXETR 68.38 63.97 0.45 2.07 60.77 Frankfurt RootNFRA 7.66 11.64 0 0 0 85.02 Suttigart Stock ExchangeBSTU 6.86 6.9 0 0 0 79.97 NASDAQ All MarketsIXNAS 2.7 2.14 0 0 0 72.5	UniCredit Bank AGI2ZCNRR8UK830BTEK2170	100	100	0	0	100
Top five execution venues ranked in terms of trading volume traded as a percentage of total in that class Proportion of orders executed as percentage of passive orders Percentage of passive orders Percentage of aggressive orders	Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Deutsche Börse AGDKETR 68.38 63.97 0.45 2.07 60.77 Frankfurt FlooriNFRA 7.66 11.64 0 0 85.02 Suttigart Stock ExchangeBNSTU 6.85 6.9 0 0 79.97 NASDAQ ALI MarketsIXMAS 2.7 2.14 0 0 72.5	Retail	Execution	Equities - Shares & Depositary Receipts	01/01/2017	31/12/2017	N
Frankfurt FloorIXFRA 7.66 11.64 0 0 85.02 Stuttsjart Stock Exchangel/STU 6.86 6.9 0 0 79.97 NASDAQ All MarketsIXNAS 2.7 2.14 0 0 72.5	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
Stuttgart Stock Exchange(MSTU	Deutsche Börse AGIXETR	68.38	63.97	0.45	2.07	60.77
NASDAQ All MaritetsIXNNAS 2.7 2.14 0 0 72.5	Frankfurt FloorIXFRA	7.66	11.64	0	0	85.02
	Stuttgart Stock ExchangelXSTU	6.86	6.9	0	0	79.97
New York Stock Exchangel/WYS 2.52 2.6 0 0 84.51	NASDAQ Ali MarketsiXNAS	2.7	2.14	0	0	72.5
	New York Stock ExchangelXNYS	2.52	2.6	0	0	84.51

		Class of Instrument			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)	01/01/2017	31/12/2017	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
Deutsche Börse AGIXETR	84.94	85.43	0.09	2.66	41.45
London Stock ExchangelXLON	4.23	5.87	0	0	100
Stuttgart Stock ExchangelXSTU	3.21	2.65	0	0	99.86
UniCredit Bank AGI2ZCNRR8UK830BTEK2170	2.33	0.12	0	0	100
Swiss Stock ExchangelXSWX	1.38	1.27	0	0	100
		Class of Instrument			Notification if <1 average trade per business day in the previous year
Retail	Execution	Other instruments	01/01/2017	31/12/2017	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
Stuttgart Stock ExchangelXSTU	47.52	54.51	0	0	76.76
UniCredit Bank AGI2ZCNRR8UK830BTEK2170	37.49	3.71	0	0	98.74
Frankfurt FloorIXFRA	9.34	6.06	0	0	99.7
STUB	2.57	4.91	0	0	80.25

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	01/01/2017	31/12/2017	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
Stuttgart Stock ExchangelXSTU	53.23	39.82	0	0	75.11
STUB	22.32	30.71	0	0	76.45
Frankfurt FloorIXFRA	15.29	26.25	0	0	100
STUA	7.97	0.45	0	0	100
New York Stock ExchangelXNYS	1.11	1.25	0	Ö	100

0

0

100

28.85

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0.97

Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Retail	Execution	Structured finance instruments	01/01/2017	31/12/2017	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 AGI2ZCNRR8UK830BTEK2170	90.5	82.23	0	0	99.59
Frankfurt FloorIXFRA	4.79	6.97	0	0	99.14
Stuttgart Stock ExchangelXSTU	4.19	9.51	0	0	83.69
STUB	0.51	0.87	0	0	79.7
CATS	0.01	0.38	0	0	95.45
Client type		Class of Instrument			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	01/01/2017	31/12/2017	Y
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 InternationallGGDZP1UYGU9STUHRDP48	100	100	0	0	100
Client type	Interaction	Class of Instrument	Period start		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	01/01/2017	31/12/2017	N
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 InternationallGGDZP1UYGU9STUHRDP48	100	100	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Debt instruments, Bonds	01/01/2017	31/12/2017	Y
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 PLCI4PQUHN3JPFGFNF3BB653	100	100	0	0	0
Client type		Class of Instrument			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	01/01/2017	31/12/2017	N
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 AGIBFM8T61CT2L1QCEMIK50	93.78	96.42	0	0	100
Merrill Lynch InternationallGGDZP1UYGU95TUHRDP48	6.22	3.58	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Equities - Shares & Depositary Receipts	01/01/2017	31/12/2017	N
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 PLCI4PQUHN3JPFGFNF3BB653	99.99	100	0	0	0
Jefferies International LimitedIS5THZMDUJCTQZBTRVI98	0.01	0	0	0	0
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)	01/01/2017	31/12/2017	N
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 PLCI4PQUHN3JPFGFNF3BB653	100	100	0	0	0

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	01/01/2017	31/12/2017	N
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 InternationallGGDZP1UYGU9STUHRDP48	70.95	5.99	0	0	100
Bank Polska Kasa Opieki S.A.IS493000LKS7B3UTF7H35	28.01	89.05	0	0	100
Morgan Stanley & Co. International PLC14PQUHN3JPFGFNF3BB653	0.66	0.31	0	0	0
UBS AGIBFM8T61CT2L1QCEMIK50	0.38	4.64	0	0	100
YAPI KREDI YATIRIM MENKUL DEGERLER A.S.1789000COU3C6FT0GB504	0	0.01	0	0	100
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Securitized Derivatives, Warrants and Certificate Derivatives	01/01/2017	31/12/2017	Y
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 PLCI4PQUHN3.PFGFNF3B8653	100	100	0	0	0
Client type		Class of Instrument			Notification if <1 average trade per business day in the previous year
Professional	Placement/transmission	Structured finance instruments	01/01/2017	31/12/2017	Υ
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 PLCI4PQUHN3.PFGFNF3B8653	100	100	0	0	0
Client type		Class of Instrument			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	01/01/2017	31/12/2017	Y
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 InternationallGGDZP1UYGU9STUHRDP48	100	100	0	0	100
Client type		Class of Instrument			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	01/01/2017	31/12/2017	Y
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 InternationallGGDZP1UYGU95TUHRDP48	100	100	0	0	100
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	01/01/2017	31/12/2017	N
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 AGIBFM8T61CT2L1QCEMIK50	99.98	99.54	0	0	100
Merrill Lynch Internationall/GGDZP1UYGU9STUHRDP48	0.02	0.46	0	0	100
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 & Depositary Receipts	01/01/2017	31/12/2017	Y
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 PLCI4PQUHN3JPFGFNF3BB653	100	100	0	0	0
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	01/01/2017	31/12/2017	Υ
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 InternationallGGDZP1UYGU9STUHRDP48	99.97	93.2	0	0	100
UBS AGIBFM8T61CT2L1QCEMIK50	0.03	6.8	0	0	100