

Table 1

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: AB)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
New York Stock Exchange (XNYS)	32.92	28.83	n/a	n/a	n/a
Toronto Stock Exchange (XTSE)	18.75	7.98	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	15.61	7.36	n/a	n/a	n/a
OTC Deutschland (ODEU)	15.22	0.61	n/a	n/a	n/a
Deutsche Börse - Xetra (XETR)	7.12	25.15	n/a	n/a	n/a

Table 2

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: CD)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse - Xetra (XETR)	35.97	53.27	n/a	n/a	n/a
Oslo Børs (XOSL)	21.94	1.79	n/a	n/a	n/a
OTC Deutschland (ODEU)	16.22	1.79	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	10.75	8.93	n/a	n/a	n/a
Københavns Fondsbørs (XCSE)	5.43	0.6	n/a	n/a	n/a

Table 3

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: EF)				
Notification, if < 1 average trade per business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OM Stockholmsbörsen (XSTO)	28.06	1.08	n/a	n/a	n/a
Oslo Børs (XOSL)	24.29	1.62	n/a	n/a	n/a
Deutsche Börse - Xetra (XETR)	22.8	69.19	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	7.18	5.41	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	4.89	3.78	n/a	n/a	n/a

Table 4

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: null)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Toronto Stock Exchange (XTSE)	42.94	12.5	n/a	n/a	n/a
Borsa Italiana (XMIL)	33.43	75	n/a	n/a	n/a
NY NASDAQ Global Select Market (XNGS)	11.87	4.17	n/a	n/a	n/a
New York Stock Exchange (XNYS)	10.48	4.17	n/a	n/a	n/a
TSX Venture Exchange (XTSX)	1.28	4.17	n/a	n/a	n/a

Table 5

Class of Instrument	Debt Instruments (BA10)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OTC Deutschland (ODEU)	23.9	3.03	n/a	n/a	n/a
Hanseatische Wertpapierbörse Hamburg (XHAM)	20.07	3.03	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	17.61	20.2	n/a	n/a	n/a
Bayerische Börse (XMUN)	15.06	39.39	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	9.49	15.15	n/a	n/a	n/a

Table 6

Class of Instrument	Interest Rates Derivatives (BD20)				
Notification, if < 1 average trade per business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Singapore Exchange Derivatives Trading (XSIM)	96.63	14.29	n/a	n/a	n/a
Eurex Deutschland (XEUR)	2.1	35.71	n/a	n/a	n/a
London - ICE Futures Europe (IFEU)	1.27	50	n/a	n/a	n/a

Table 7

Class of Instrument	Credit Derivatives (BD23)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 8

Class of Instrument	Currency Derivatives (BD24)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Chicago Mercantile Exchange (XCME)	100	100	n/a	n/a	n/a



Table 9

Class of Instrument	Structured Finance Instruments (BB99)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 10

Class of Instrument	Equity Derivatives (BD21)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Eurex Deutschland (XEUR)	99.82	98.49	n/a	n/a	n/a
Chicago Mercantile Exchange (XCME)	0.15	0.48	n/a	n/a	n/a
CBOE Futures Exchange (CFE) (XCBF)	0.02	0.16	n/a	n/a	n/a
Chicago Board Options Exchange (XCBO)	0.01	0.87	n/a	n/a	n/a

Table 11

Class of Instrument	Securitized Derivatives (BE20)				
Notification, if < 1 average trade per business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	41.31	54	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	25.16	24.67	n/a	n/a	n/a
OTC Bulletin Board (OTCBB) (XOTC)	21.52	20	n/a	n/a	n/a
OTC Deutschland (ODEU)	12.01	1.33	n/a	n/a	n/a

Table 12

Class of Instrument	Commodities Derivatives (BD22)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
New York Mercantile Exchange (XNYM)	69.07	51.3	n/a	n/a	n/a
New York Board of Trade (IFUS)	19.66	32.17	n/a	n/a	n/a
Chicago Board of Trade (XCBT)	11.27	16.52	n/a	n/a	n/a

Table 13

Class of Instrument	Contracts for Difference (BD25)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 14

Class of Instrument	Exchange Traded Products (AC99)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse - Xetra (XETR)	84.11	73.84	n/a	n/a	n/a
OTC_KAG für Fondshandel (OKAG)	8.45	9.93	n/a	n/a	n/a
London Stock Exchange (XLON)	2.58	4.3	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	1.24	2.65	n/a	n/a	n/a
Börse München - Market Maker - Regulierter Markt (MUNC)	1.19	5.3	n/a	n/a	n/a

Table 15

Class of Instrument	Emission Allowances (BC99)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 16

Class of Instrument	Other Instruments (AD99)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OTC_KAG für Fondshandel (OKAG)	99.75	97.49	n/a	n/a	n/a
Börse München - Market Maker - Regulierter Markt (MUNC)	0.11	0.97	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	0.07	0.58	n/a	n/a	n/a
Zürich - SIX Swiss Exchange - Swiss Blue Chip Segment (XVTX)	0.03	0.19	n/a	n/a	n/a
Tradegate (TGAT)	0.02	0.19	n/a	n/a	n/a



Table 17

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: AB)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
New York Stock Exchange (XNYS)	37.99	5.16	n/a	n/a	n/a
Schweizer Börse (XSWX)	15.45	2.43	n/a	n/a	n/a
Deutsche Börse - Xetra (XETR)	7.83	21.43	n/a	n/a	n/a
OTC Deutschland (ODEU)	5.97	0.46	n/a	n/a	n/a
Tradegate (TGAT)	5.5	25.16	n/a	n/a	n/a

Table 18

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: CD)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse - Xetra (XETR)	39.81	60.35	n/a	n/a	n/a
Schweizer Börse (XSWX)	31.03	4.8	n/a	n/a	n/a
Wiener Börse - Wiener Wertpapierbörse (XWBO)	7.86	1.66	n/a	n/a	n/a
Tradegate (TGAT)	4.21	13.35	n/a	n/a	n/a
OTC Deutschland (ODEU)	4.03	0.5	n/a	n/a	n/a

Table 19

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: EF)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse - Xetra (XETR)	58.77	75.95	n/a	n/a	n/a
Euronext Paris (XPAR)	9.38	1.37	n/a	n/a	n/a
Schweizer Börse (XSWX)	6.5	0.68	n/a	n/a	n/a
Euronext Amsterdam (XAMS)	4.74	0.88	n/a	n/a	n/a
London Stock Exchange (XLON)	3.54	0.73	n/a	n/a	n/a

Table 20

Class of Instrument	Equities - Shares & Depositary Receipts (AA99, Ticksiz: null)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Börse - Xetra (XETR)	31.95	18.19	n/a	n/a	n/a
Schweizer Börse (XSWX)	25.55	6.49	n/a	n/a	n/a
New York Stock Exchange (XNYS)	19.07	7.07	n/a	n/a	n/a
OTC Deutschland (ODEU)	6.72	2.5	n/a	n/a	n/a
Hanseatische Wertpapierbörse Hamburg (XHAM)	4.85	6.44	n/a	n/a	n/a

Table 21

Class of Instrument	Debt Instruments (BA10)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OTC Deutschland (ODEU)	53.42	4.66	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	16.63	30.63	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	14.29	37.3	n/a	n/a	n/a
Berliner Wertpapierbörse (XBER)	7.08	10.84	n/a	n/a	n/a
Bayerische Börse (XMUN)	5.56	12.9	n/a	n/a	n/a

Table 22

Class of Instrument	Interest Rates Derivatives (BD20)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Eurex Deutschland (XEUR)	71.72	86.67	n/a	n/a	n/a
Chicago Board of Trade (XCBT)	23.95	12.3	n/a	n/a	n/a
Osaka Securities Exchange (XOSE)	2.67	0.08	n/a	n/a	n/a
London - ICE Futures Europe (IFEU)	1.04	0.88	n/a	n/a	n/a
Eurex OTC (XEUB)	0.61	0.08	n/a	n/a	n/a

Table 23

Class of Instrument	Credit Derivatives (BD23)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 24

Class of Instrument	Currency Derivatives (BD24)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Chicago Mercantile Exchange (XCME)	99.81	98.59	n/a	n/a	n/a
Bolsa de Valores, Mercadorias e Futuros (BVMF)	0.19	1.41	n/a	n/a	n/a



Table 25

Class of Instrument	Structured Finance Instruments (BB99)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Börse Düsseldorf (XDUS)	100	100	n/a	n/a	n/a

Table 26

Class of Instrument	Equity Derivatives (BD21)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Chicago Mercantile Exchange (XCME)	42.59	12.37	n/a	n/a	n/a
Osaka Securities Exchange (XOSE)	33.06	4.23	n/a	n/a	n/a
Eurex Deutschland (XEUR)	15.71	57.41	n/a	n/a	n/a
Eurex OTC (XEUB)	5.64	1.97	n/a	n/a	n/a
Hong Kong Futures Exchange (HKFE) (XHKF)	0.82	4.39	n/a	n/a	n/a

Table 27

Class of Instrument	Securitized Derivatives (BE20)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	65.56	82.87	n/a	n/a	n/a
OTC Deutschland (ODEU)	12.65	0.77	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	11.51	14.72	n/a	n/a	n/a
London Stock Exchange (XLON)	3.37	0.36	n/a	n/a	n/a
Schweizer Börse (XSWX)	1.75	0.04	n/a	n/a	n/a

Table 28

Class of Instrument	Commodities Derivatives (BD22)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
New York Mercantile Exchange (XNYM)	51.29	59.79	n/a	n/a	n/a
New York Mercantile Exchange (XCEC)	23.53	10.31	n/a	n/a	n/a
Chicago Board of Trade (XCBT)	13.87	13.81	n/a	n/a	n/a
New York Board of Trade (IFUS)	5.58	11.01	n/a	n/a	n/a
Chicago Mercantile Exchange (XCME)	4.42	3.5	n/a	n/a	n/a

Table 29

Class of Instrument	Contracts for Difference (BD25)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 30

Class of Instrument	Exchange Traded Products (AC99)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
OTC Deutschland (ODEU)	42.26	1.59	n/a	n/a	n/a
OTC Grossbritannien (OTC_GB)	24.59	4.95	n/a	n/a	n/a
Deutsche Börse - Xetra (XETR)	19.73	85.97	n/a	n/a	n/a
London Stock Exchange (XLON)	4.63	1.35	n/a	n/a	n/a
OTC Frankreich (OTC_FRA)	3.18	0.11	n/a	n/a	n/a

Table 31

Class of Instrument	Emission Allowances (BC99)				
Notification, if < 1 average trade per business day	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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
null (null)	0	0	n/a	n/a	n/a

Table 32

Class of Instrument	Other Instruments (AD99)				
Notification, if < 1 average trade per N business day					
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 a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Schweizer Börse (XSWX)	46.93	10.39	n/a	n/a	n/a
OTC Deutschland (ODEU)	30.5	2.63	n/a	n/a	n/a
OTC_KAG für Fondshandel (OKAG)	13.42	28.96	n/a	n/a	n/a
Deutsche Börse - Frankfurter Wertpapierbörse (XFRA)	2.59	11.71	n/a	n/a	n/a
Baden-Württembergische Wertpapierbörse zu Stuttgart (XSTU)	1.31	4.9	n/a	n/a	n/a