

## Top five execution venues in 2018.

Class of Instrument	Equities - I. Tick size liquidity bands 5 and 6				
Notification if <1 average trade per business day in previous year	Y				
Top five execution venues ranked in terms of trading volumes	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
XETR (XETRA)	0,86	0,57	N/A	N/A	N/A
XPAR (NYSE Euronext – Euronext Paris)	0,05	0,09	N/A	N/A	N/A
XAMS (NYSE Euronext – Euronext Amsterdam)	0,04	0,09	N/A	N/A	N/A
XNYS (New York Stock Exchange, Inc.)	0,03	0,12	N/A	N/A	N/A
XNMS (NASDAQ/NMS (Global Market))	0,01	0,01	N/A	N/A	N/A

Class of Instrument	Equities - II. Tick size liquidity bands 3 and 4				
Notification if <1 average trade per business day in previous year	Y				
Top five execution venues ranked in terms of trading volumes	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
XNGS (NASDAQ/NGS (Global Select Market))	0,47	0,21	N/A	N/A	N/A
XETR (XETRA)	0,45	0,14	N/A	N/A	N/A
XNYS (New York Stock Exchange, Inc.)	0,03	0,03	N/A	N/A	N/A
XZAG (Zagreb Stock Exchange)	0,02	0,55	0,42	0,58	N/A
XBSE (Spot Regulated Market-BVB)	0,01	0,01	N/A	N/A	N/A

Class of Instrument	Equities - III. Tick size liquidity bands 1 and 2				
Notification if <1 average trade per business day in previous year	N				
Top five execution venues ranked in terms of trading volumes	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
XZAG (Zagreb Stock Exchange)	0,57	0,95	0,63	0,37	N/A
XNGS (NASDAQ/NGS (Global Select Market))	0,24	0,02	N/A	N/A	N/A
XNYS (New York Stock Exchange, Inc.)	0,14	0,02	N/A	N/A	N/A
XLJU (Ljubljana Stock Exchange (Official Market))	0,05	0,00	N/A	N/A	N/A
XNMS (NASDAQ/NMS (Global Market))	0,00	0,00	N/A	N/A	N/A

Class of Instrument	Debt instruments (Bonds)				
Notification if <1 average trade per business day in previous year	N				
Top five execution venues ranked in terms of trading volumes	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
BMTF (BLOOMBERG TRADING FACILITY LIMITED)	0,98	0,91	N/A	N/A	N/A
XZAG (ZAGREB STOCK EXCHANGE)	0,02	0,09	0,84	0,16	N/A
BERA (BOERSE BERLIN – REGULIERTER MARKT)	0,00	0,00	N/A	N/A	N/A

Class of Instrument	Interest rate derivatives (Futures and options)				
Notification if <1 average trade per business day in previous year	Y				
Top five execution venues ranked in terms of trading volumes	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
XEUR (EUREX DEUTSCHLAND)	0,84	0,67	N/A	N/A	N/A
XCBT (CHICAGO BOARD OF TRADE)	0,16	0,33	N/A	N/A	N/A

Class of Instrument	Interest rate derivatives (Swaps and forwards)				
Notification if <1 average trade per business day in previous year	Y				
Top five execution venues ranked in terms of trading volumes	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
BMTF (BLOOMBERG TRADING FACILITY LIMITED)	1,00	1,00	N/A	N/A	N/A

Class of instrument	Currency derivatives (Futures and options)				
Notification if <1 average trade per business day in previous year	Y				
Top five execution venues ranked in terms of trading volumes	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
GLBX (CME GLOBEX)	1,00	1,00	N/A	N/A	N/A

Class of Instrument	Currency derivatives (Swaps and forwards)				
Notification if <1 average trade per business day in previous year	N				
Top five execution venues ranked in terms of trading volumes	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
BMTF (BLOOMBERG TRADING FACILITY LIMITED)	1,00	1,00	N/A	N/A	N/A

Class of Instrument	Equity derivatives (Futures and options)				
Notification if <1 average trade per business day in previous year	N				
Top five execution venues ranked in terms of trading volumes	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
XEUR <small>(EUREX DEUTSCHLAND)</small>	0,43	0,20	N/A	N/A	N/A
IEPA <small>(INTERCONTINENTAL EXCHANGE)</small>	0,20	0,15	N/A	N/A	N/A
GLBX <small>(CME GLOBEX)</small>	0,14	0,22	N/A	N/A	N/A
XDMI <small>(ITALIAN DERIVATIVES MARKET)</small>	0,07	0,11	N/A	N/A	N/A
XCBO <small>(CHICAGO BOARD OPTIONS EXCHANGE)</small>	0,06	0,15	N/A	N/A	N/A

Class of Instrument	Commodities derivatives (Futures and options)				
Notification if <1 average trade per business day in previous year	Y				
Top five execution venues ranked in terms of trading volumes	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
IFLL <small>(ICE FUTURES EUROPE – FIN. PRODUCTS DIVISION)</small>	1,00	1,00	N/A	N/A	N/A