

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 the previous year	Yes				
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
XETRA (XETR)	0,86	0,57	N/A	N/A	N/A
NYSE EURONEXT - EURONEXT PARIS (XPAR)	0,05	0,09	N/A	N/A	N/A
NYSE EURONEXT - EURONEXT AMSTERDAM (XAMS)	0,04	0,09	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,02	0,05	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (ARCX)	0,02	0,07	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 the previous year	Yes				
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
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0,47	0,21	N/A	N/A	N/A
XETRA (XETR)	0,45	0,14	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,03	0,03	N/A	N/A	N/A
ZAGREB STOCK EXCHANGE (XZAG)	0,02	0,55	0,39	0,58	N/A
SPOT REGULATED MARKET - BVB (XBSE)	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 the previous year	No				
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
ZAGREB STOCK EXCHANGE (XZAG)	0,57	0,92	0,47	0,38	N/A
NASDAQ/NGS (GLOBAL SELECT MARKET) (XNGS)	0,24	0,02	N/A	N/A	N/A
NEW YORK STOCK EXCHANGE, INC. (XNYS)	0,14	0,02	N/A	N/A	N/A
LJUBLJANA STOCK EXCHANGE (XLJU)	0,05	0,00	N/A	N/A	N/A
ZAGREB STOCK EXCHANGE (XZAM)	0,00	0,02	0,00	0,12	N/A

Class of Instrument	Debt instruments (Bonds)				
Notification if < 1 average trade per business day in the previous year	Yes				
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
BLOOMBERG TRADING FACILITY (BMTF)	0,98	0,91	N/A	N/A	N/A
ZAGREB STOCK EXCHANGE (XZAG)	0,02	0,09	0,84	0,16	N/A
BOERSE BERLIN (BERA)	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 the previous year	Yes				
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
EUREX (XEUR)	0,84	0,67	N/A	N/A	N/A
CHICAGO BOARD OF TRADE (XCBT)	0,16	0,33	N/A	N/A	N/A

Class of Instrument	Interest rate derivatives (Swap and forwards)				
Notification if < 1 average trade per business day in the previous year	Yes				
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
BLOOMBERG TRADING FACILITY (BMTF)	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 the previous year	Yes				
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
CME GLOBEX (GLBX)	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 the previous year	No				
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
BLOOMBERG TRADING FACILITY (BMTF)	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 the previous year	No				
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
EUREX (XEUR)	0,43	0,20	N/A	N/A	N/A
INTERCONTINENTAL EXCHANGE (IEPA)	0,20	0,15	N/A	N/A	N/A
CME GLOBEX (GLBX)	0,14	0,22	N/A	N/A	N/A
BORSA ITALIANA S.P.A. (XDMI)	0,07	0,11	N/A	N/A	N/A
CHICAGO BOARD OPTIONS EXCHANGE (XCBO)	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 the previous year	Yes				
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
ICE FUTURES EUROPE (IFLL)	1,00	1,00	N/A	N/A	N/A