

Class of Instrument	Equities - Liquidity Band 1 & 2				
Notification if <1 average trade per business day in the previous year	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
GOLDMAN SACHS INTERNATIONAL - W22LROWP2IHZNBB6K528	42.56%	58.96%	N/A	N/A	N/A
UBS AG - BFM8T61CT2L1QCCEMIK50	17.72%	21.43%	N/A	N/A	N/A
LIQUIDNET EUROPE LIMITED - 213800ZIRB79BE5XQM68	7.91%	4.10%	N/A	N/A	N/A
VIRTU ITG EUROPE LIMITED - 213800EEC95PRUCEUP63	5.92%	4.77%	N/A	N/A	N/A
JEFFERIES INTERNATIONAL LIMITED - S5THZMDUJCTQZBTRVI98	3.80%	1.46%	N/A	N/A	N/A

Class of Instrument	Equities - Liquidity Band 3 & 4				
Notification if <1 average trade per business day in the previous year	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
GOLDMAN SACHS INTERNATIONAL - W22LROWP2IHZNBB6K528	33.89%	57.83%	N/A	N/A	N/A
UBS AG - BFM8T61CT2L1QCCEMIK50	16.85%	25.28%	N/A	N/A	N/A
LIQUIDNET EUROPE LIMITED - 213800ZIRB79BE5XQM68	10.57%	5.37%	N/A	N/A	N/A
VIRTU ITG EUROPE LIMITED - 213800EEC95PRUCEUP63	10.24%	3.19%	N/A	N/A	N/A
GOODBODY STOCKBROKERS UC - 635400IL71G3XS7OE16	6.18%	0.50%	N/A	N/A	N/A

Class of Instrument	Equities - Liquidity Band 5 & 6				
Notification if <1 average trade per business day in the previous year	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
GOLDMAN SACHS INTERNATIONAL - W22LROWP2IHZNBB6K528	31.13%	49.55%	N/A	N/A	N/A
UBS AG - BFM8T61CT2L1QCCEMIK50	20.05%	21.03%	N/A	N/A	N/A
EXANE - 969500UP76J52A9OXU27	10.57%	1.04%	N/A	N/A	N/A
MERILL LYNCH INTERNATIONAL - GGDZP1UYGU9STUHRDP48	9.19%	13.68%	N/A	N/A	N/A
J.P. MORGAN SECURITIES PLC - K6QOW1PS1L1O4IQL9C32	8.59%	0.83%	N/A	N/A	N/A